

TECHNICAL DRAWING

OBLON, SPIVAK, ET AL  
DOCKET #: 209665US2  
INV: Seiichi MORI  
SHEET 1 OF 41

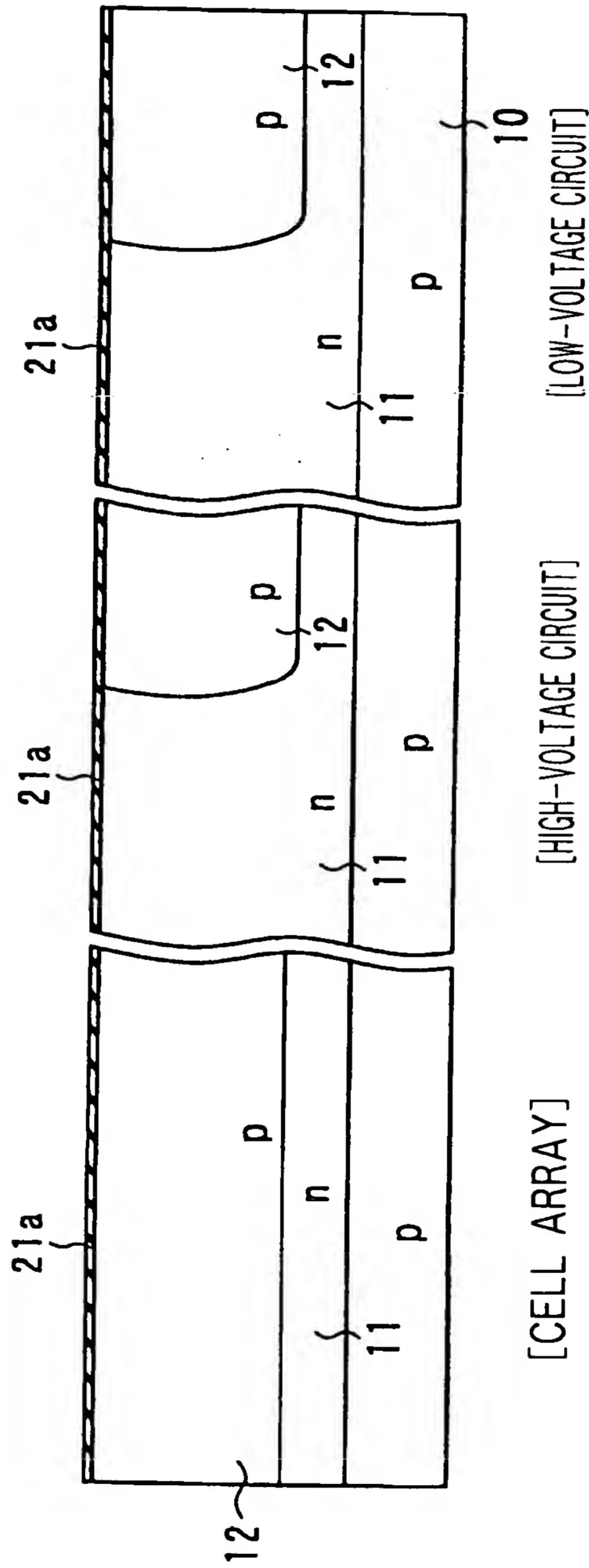


FIG. 1

T030 "STOOL E60

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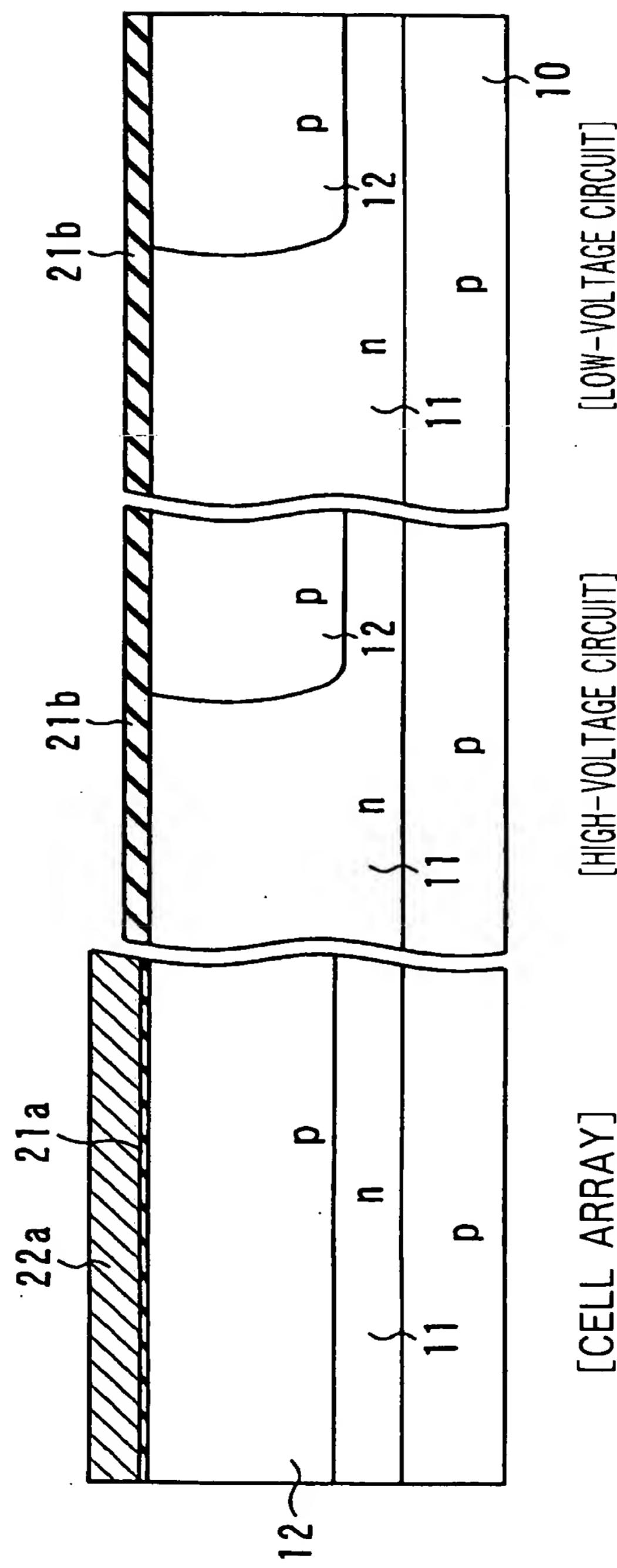
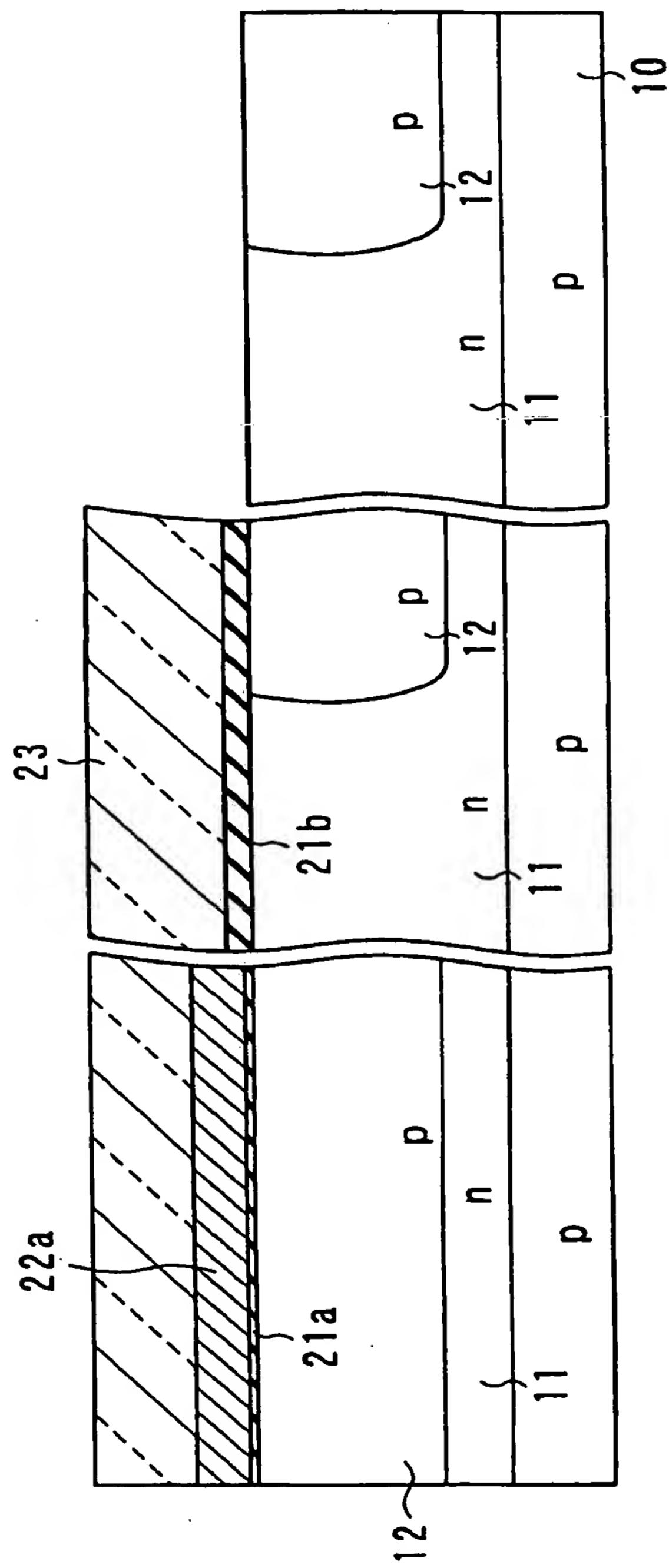


FIG. 2

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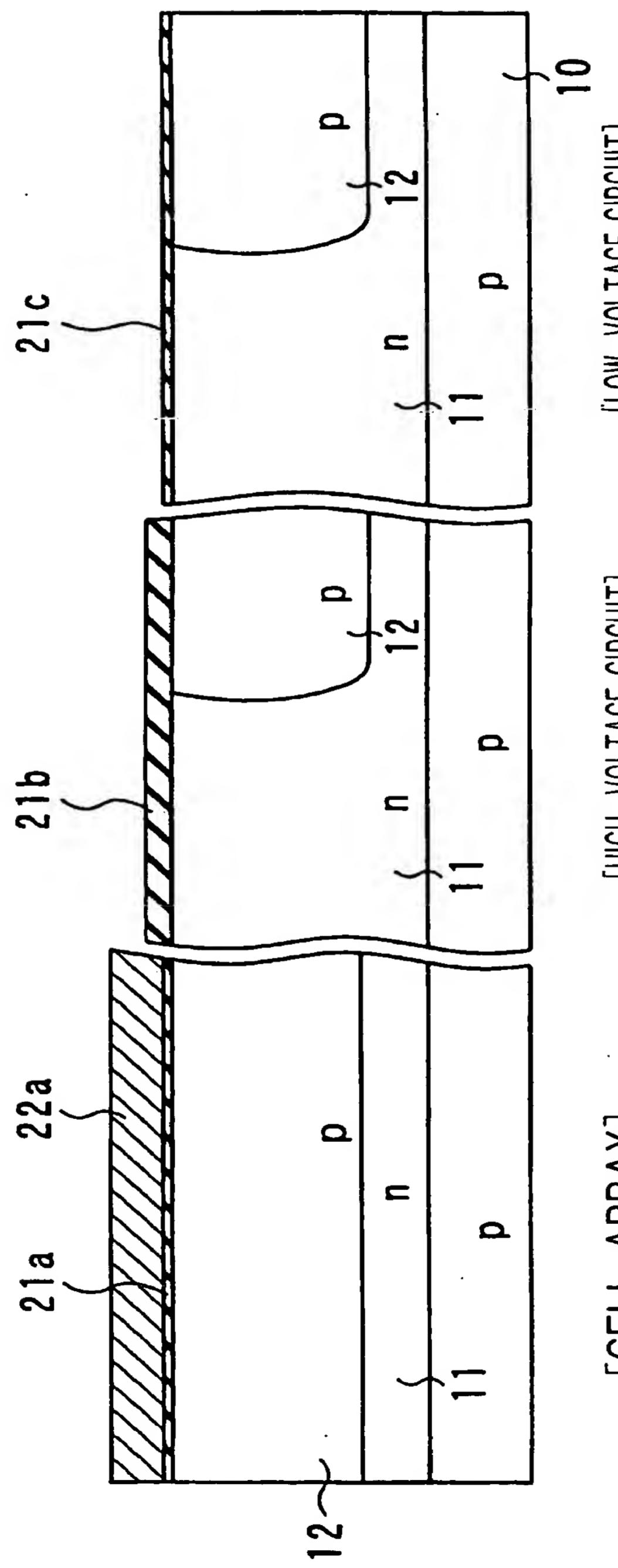
[LOW-VOLTAGE CIRCUIT]

[HIGH-VOLTAGE CIRCUIT]

[CCE] | ARRAY]

3  
G  
E

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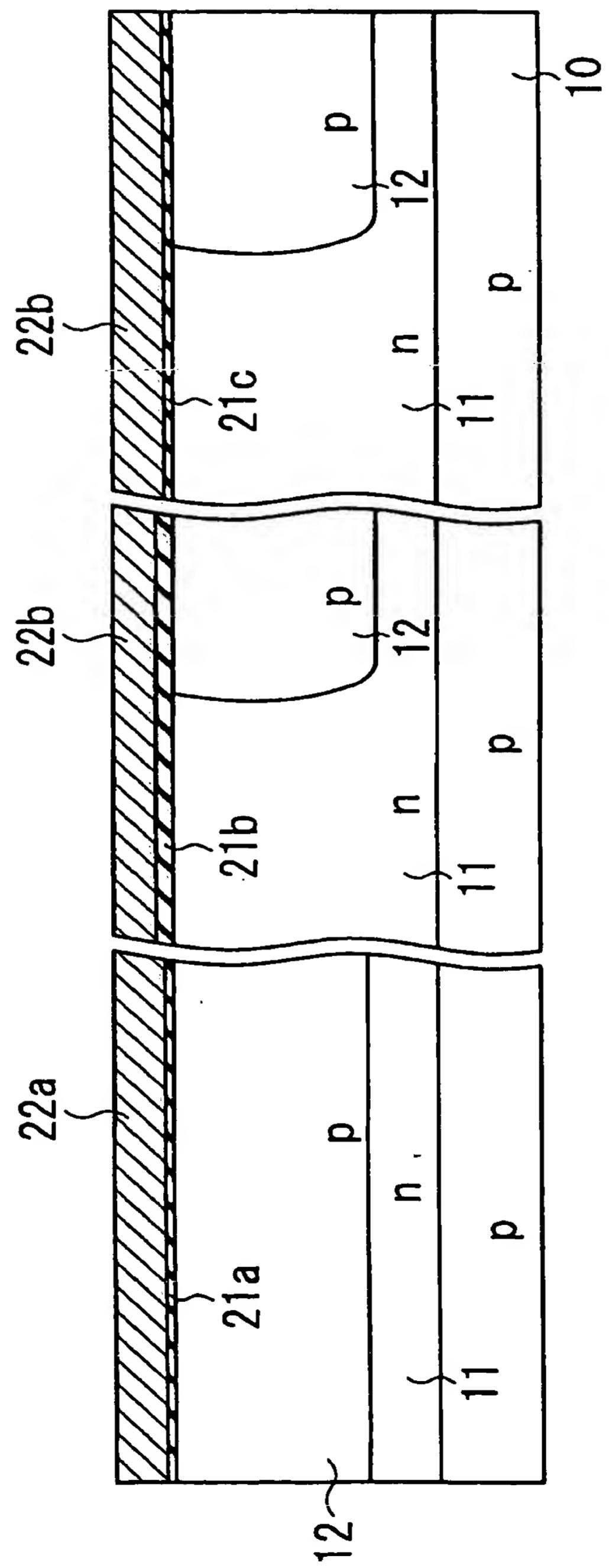
[LOW-VOLTAGE CIRCUIT]

[HIGH-VOLTAGE CIRCUIT]

[CELL ARRAY]

FIG. 4

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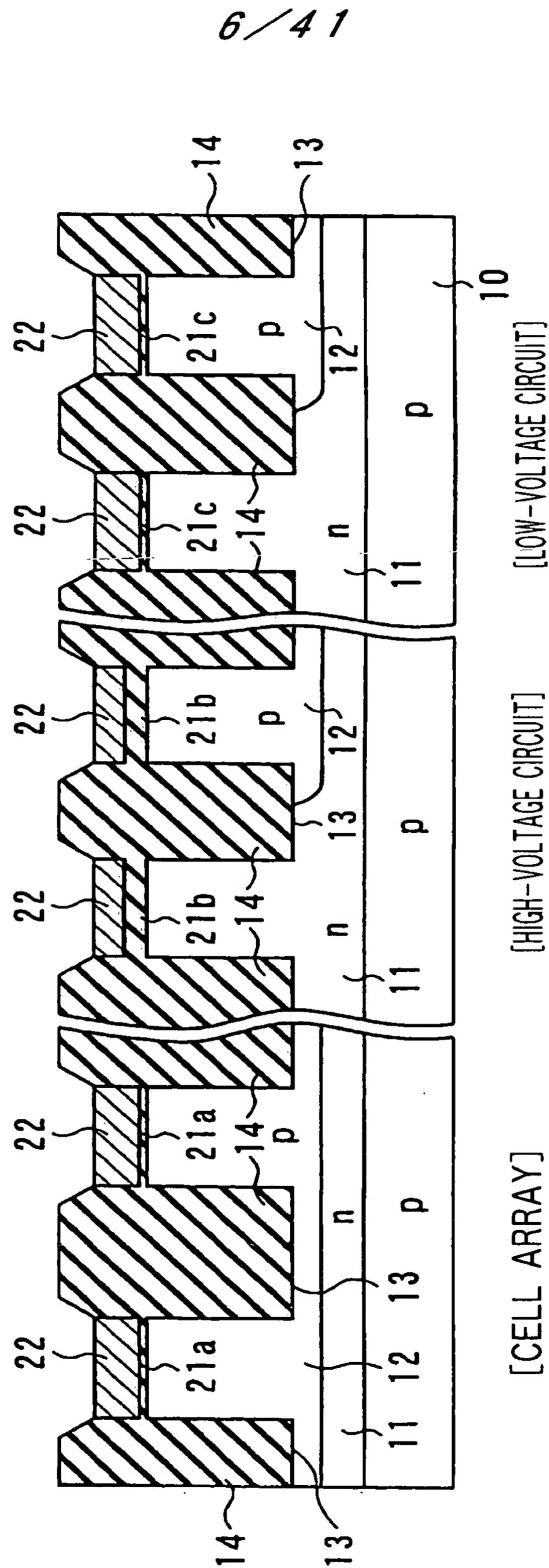
[LOW-VOLTAGE CIRCUIT]

[HIGH-VOLTAGE CIRCUIT]

[CELL ARRAY]

FIG. 5

正口語文

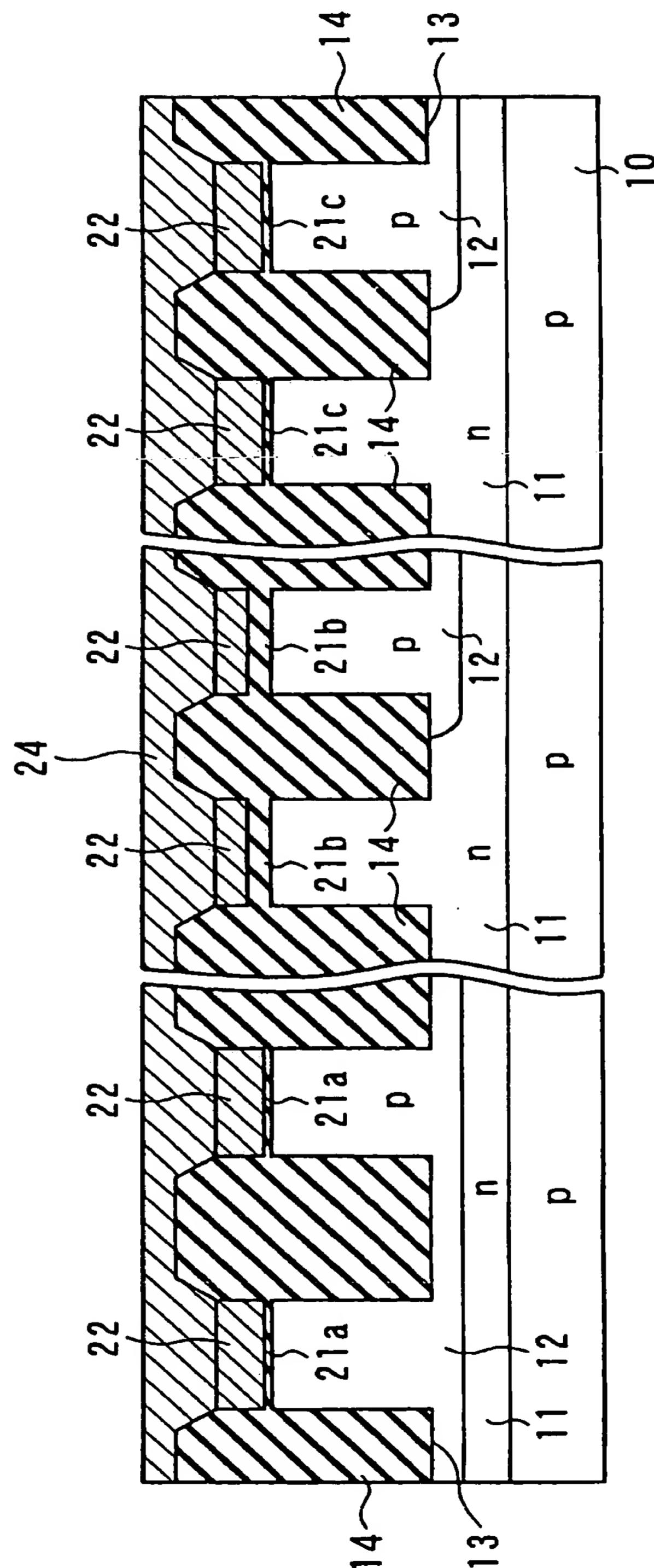


6  
Fig.  
E

10203010 " 5T09Z350

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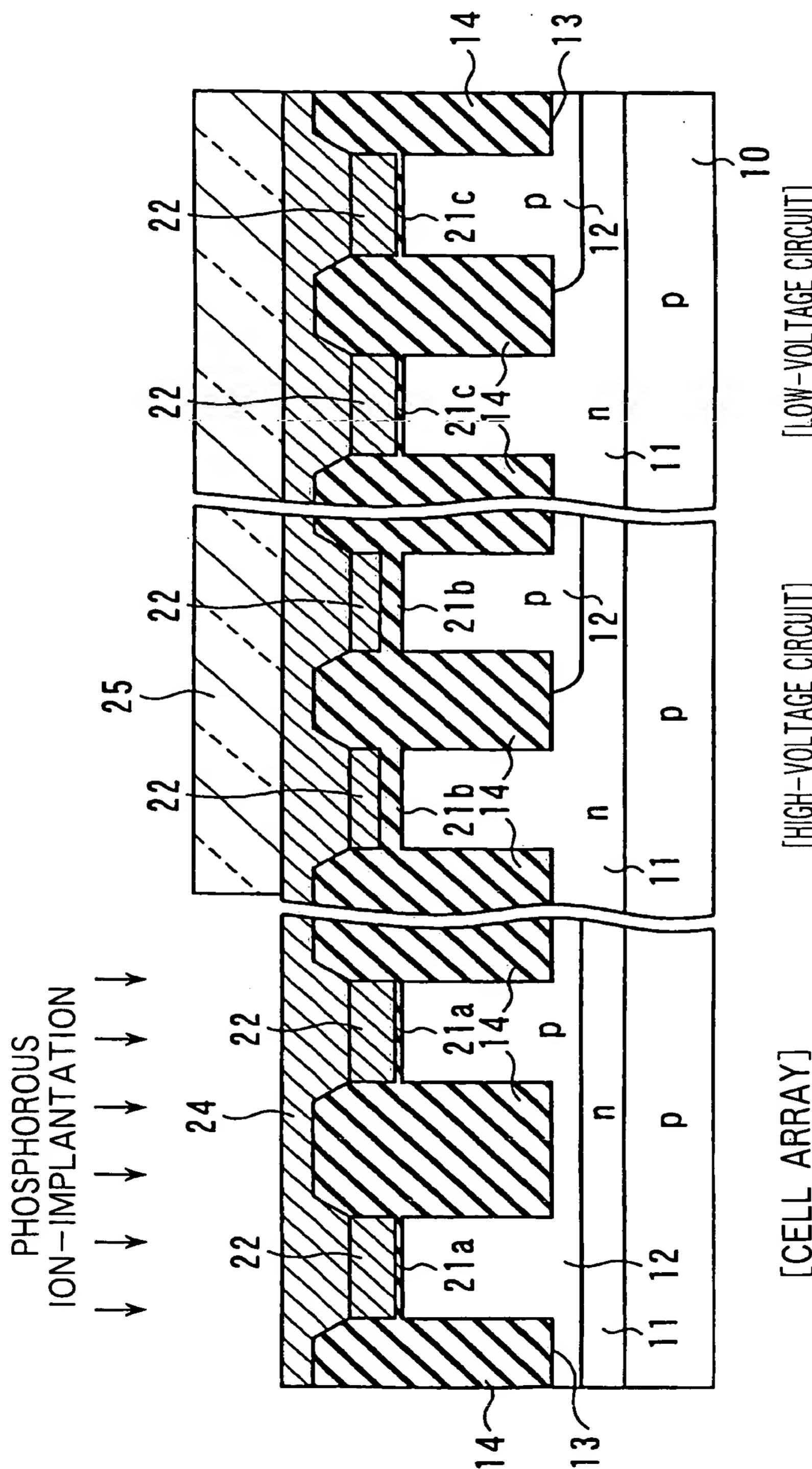
[CELL ARRAY] [HIGH-VOLTAGE CIRCUIT] [LOW-VOLTAGE CIRCUIT]

FIG. 7

TOE90 "ETD 9/26/0

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[CELL ARRAY]

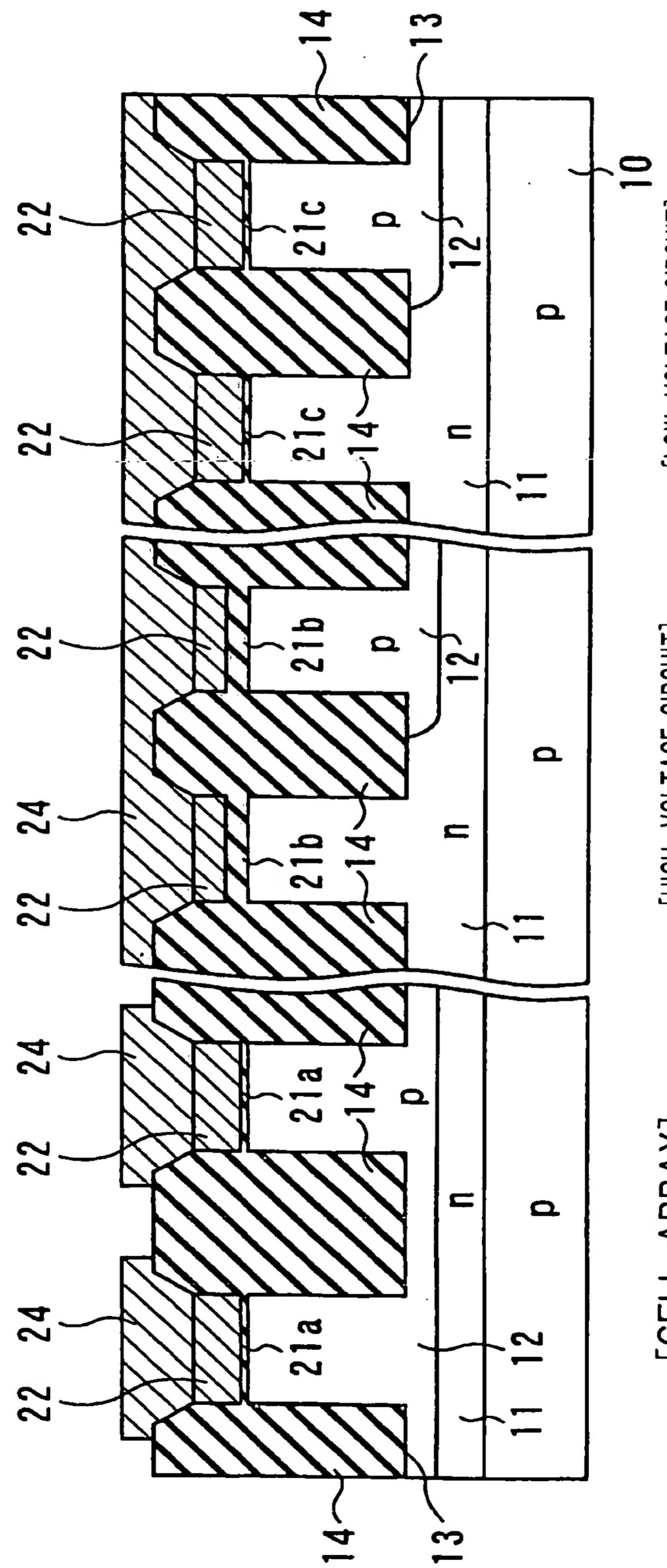
[HIGH-VOLTAGE CIRCUIT]

FIG. 8

7023030 " 5 T03 260

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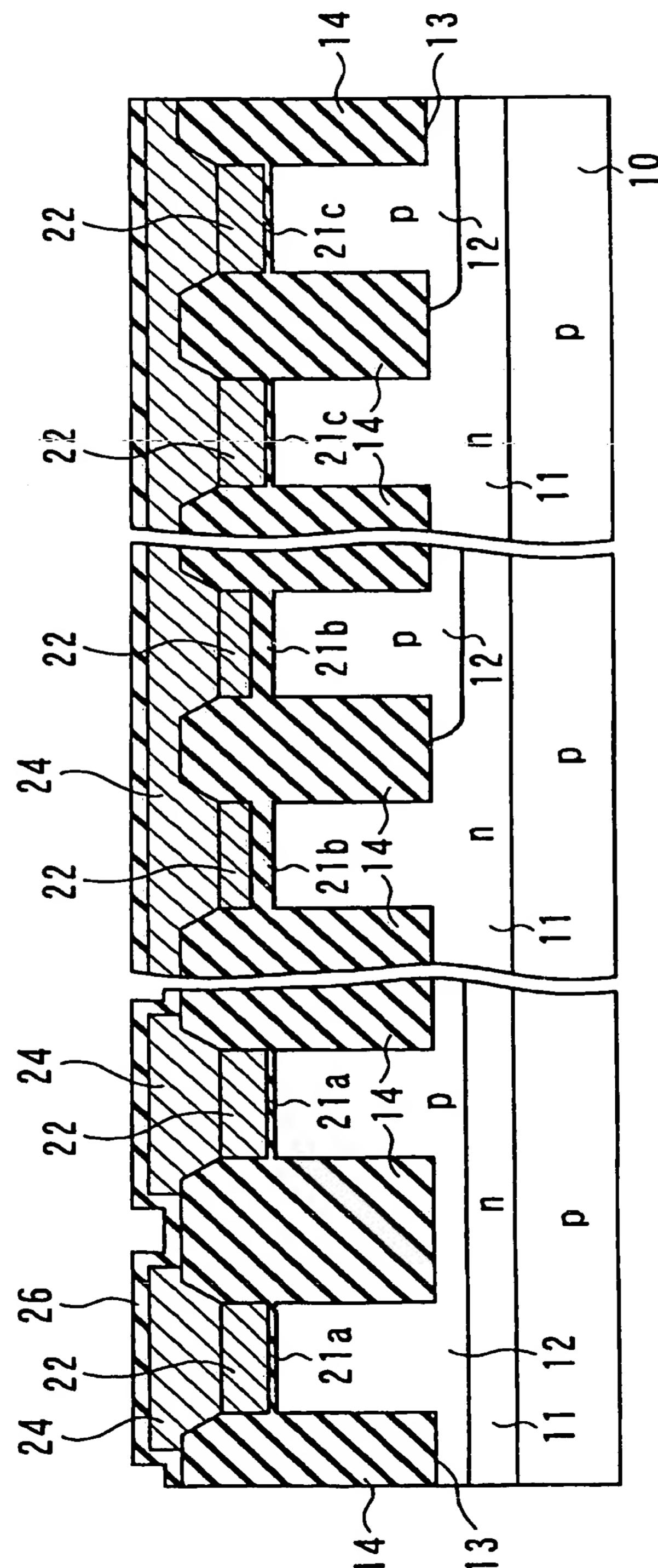


[CELL ARRAY] [HIGH-VOLTAGE CIRCUIT] [LOW-VOLTAGE CIRCUIT]

FIG. 9

108090 " 67092860

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[CELL ARRAY] [HIGH-VOLTAGE CIRCUIT] [LOW-VOLTAGE CIRCUIT]

FIG. 10

102090 "ETD 9/26/01

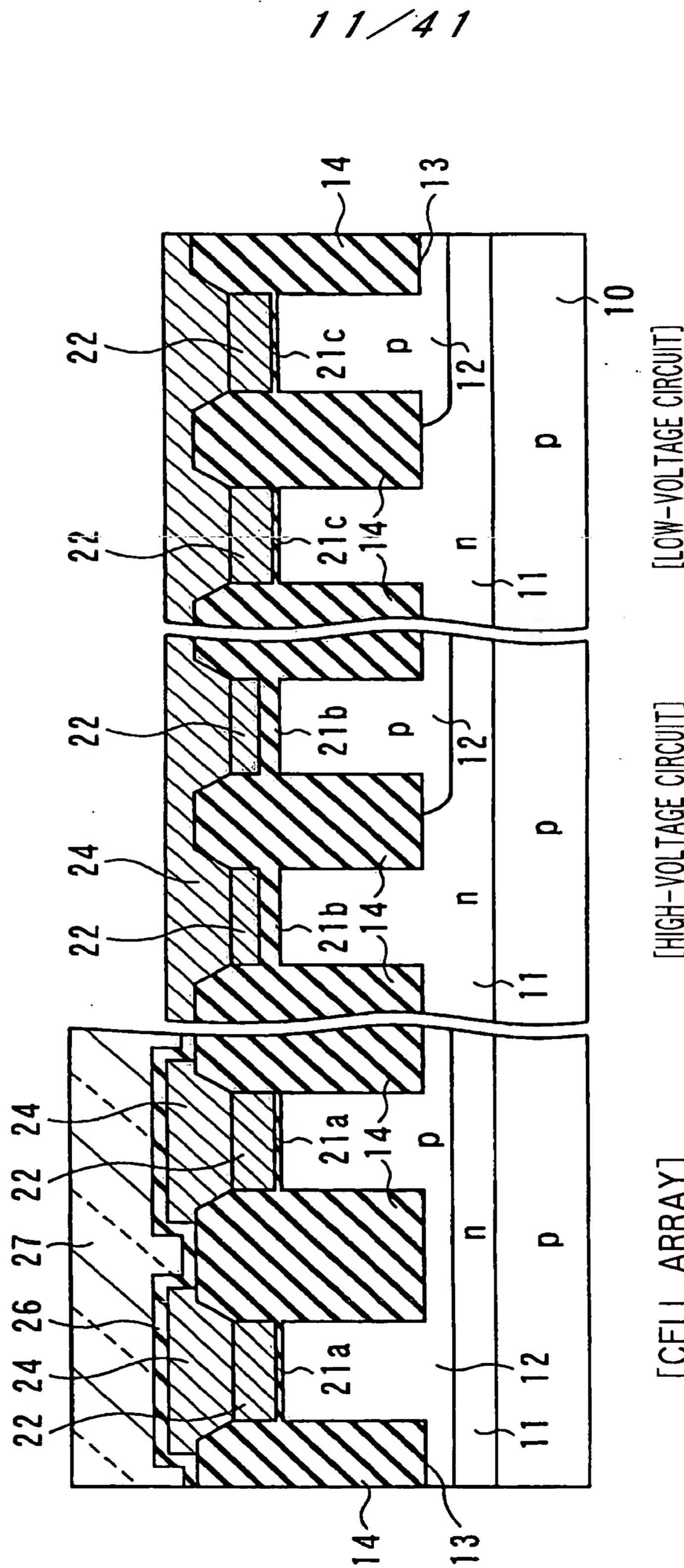
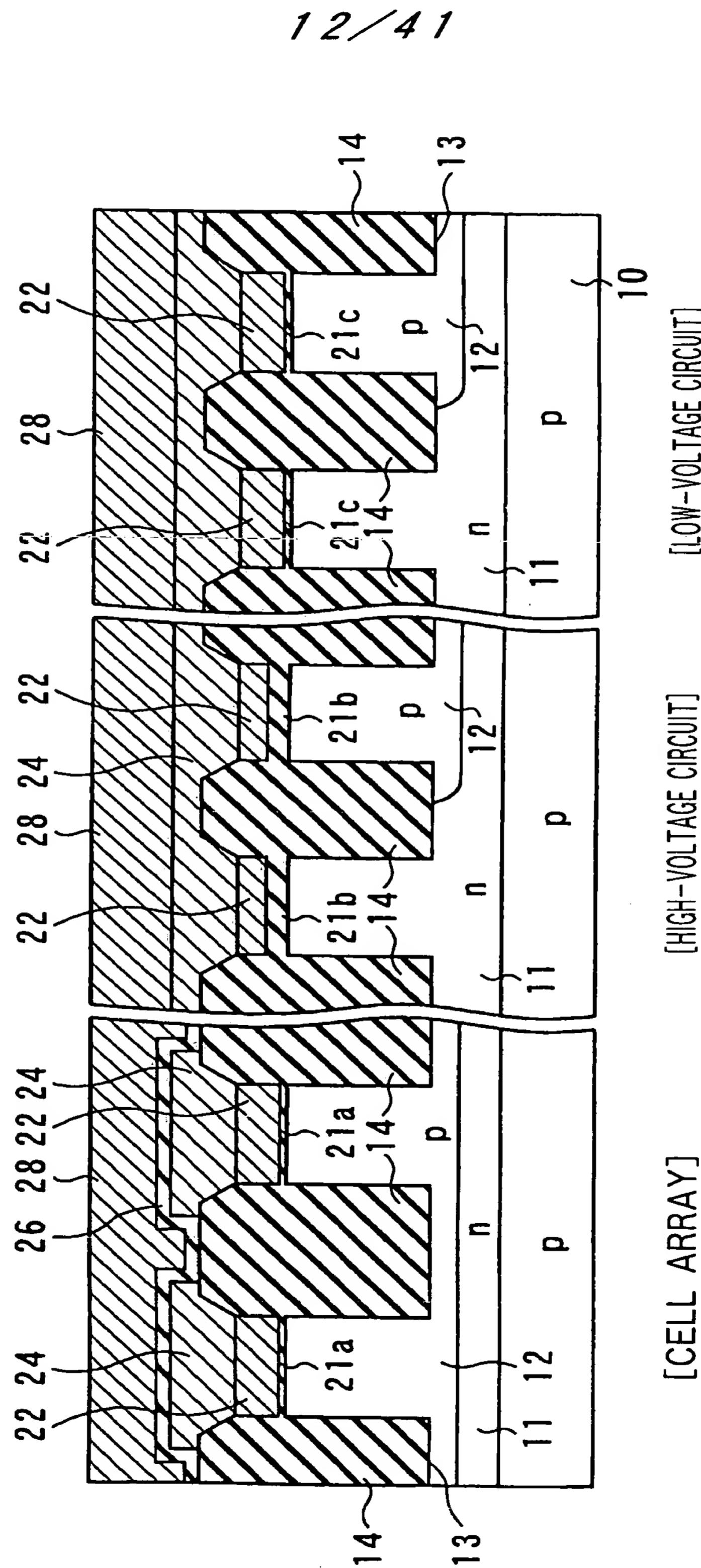


FIG. 11

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[CELL ARRAY] [HIGH-VOLTAGE CIRCUIT] [LOW-VOLTAGE CIRCUIT]

**FIG. 12**

702090 " 6703260

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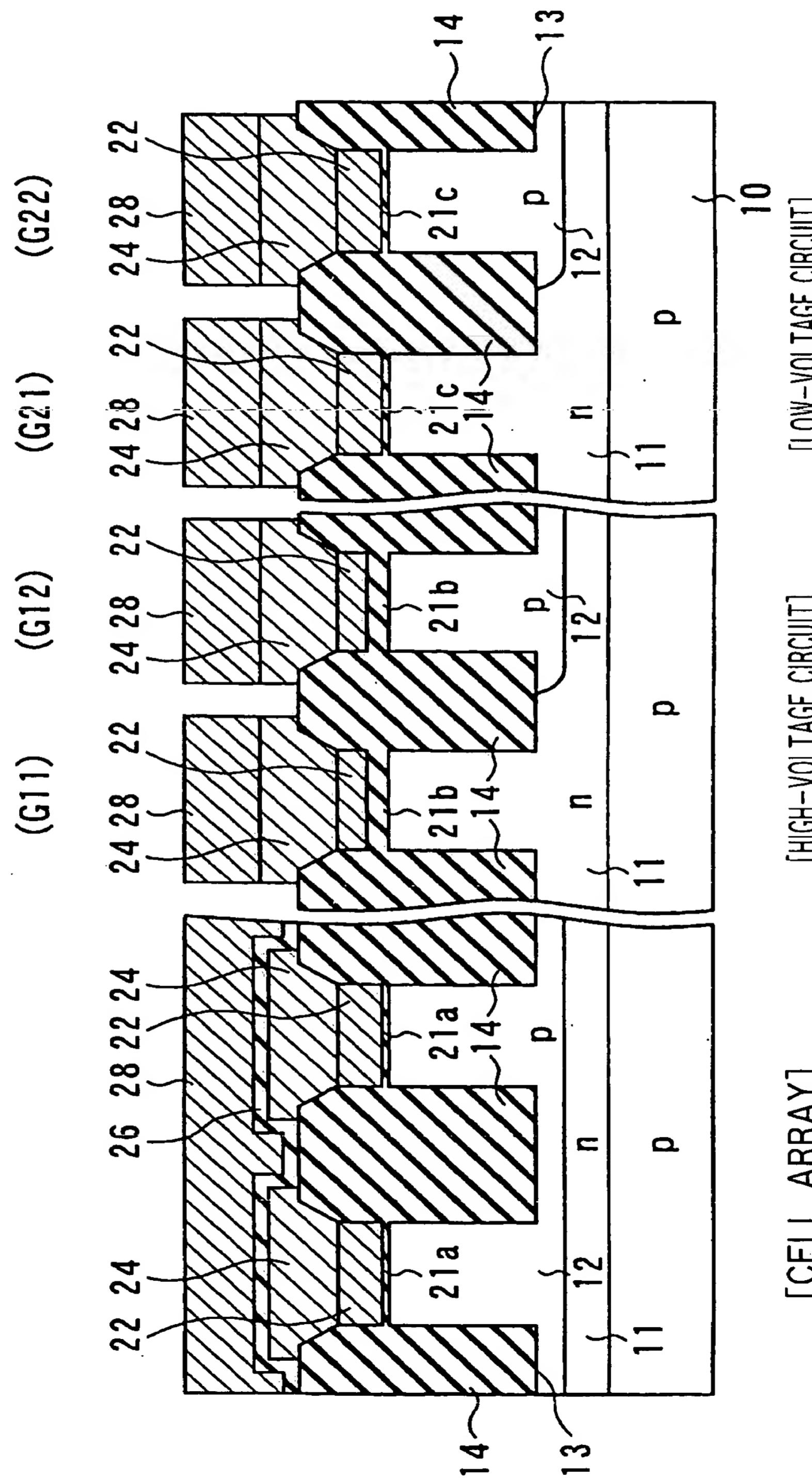
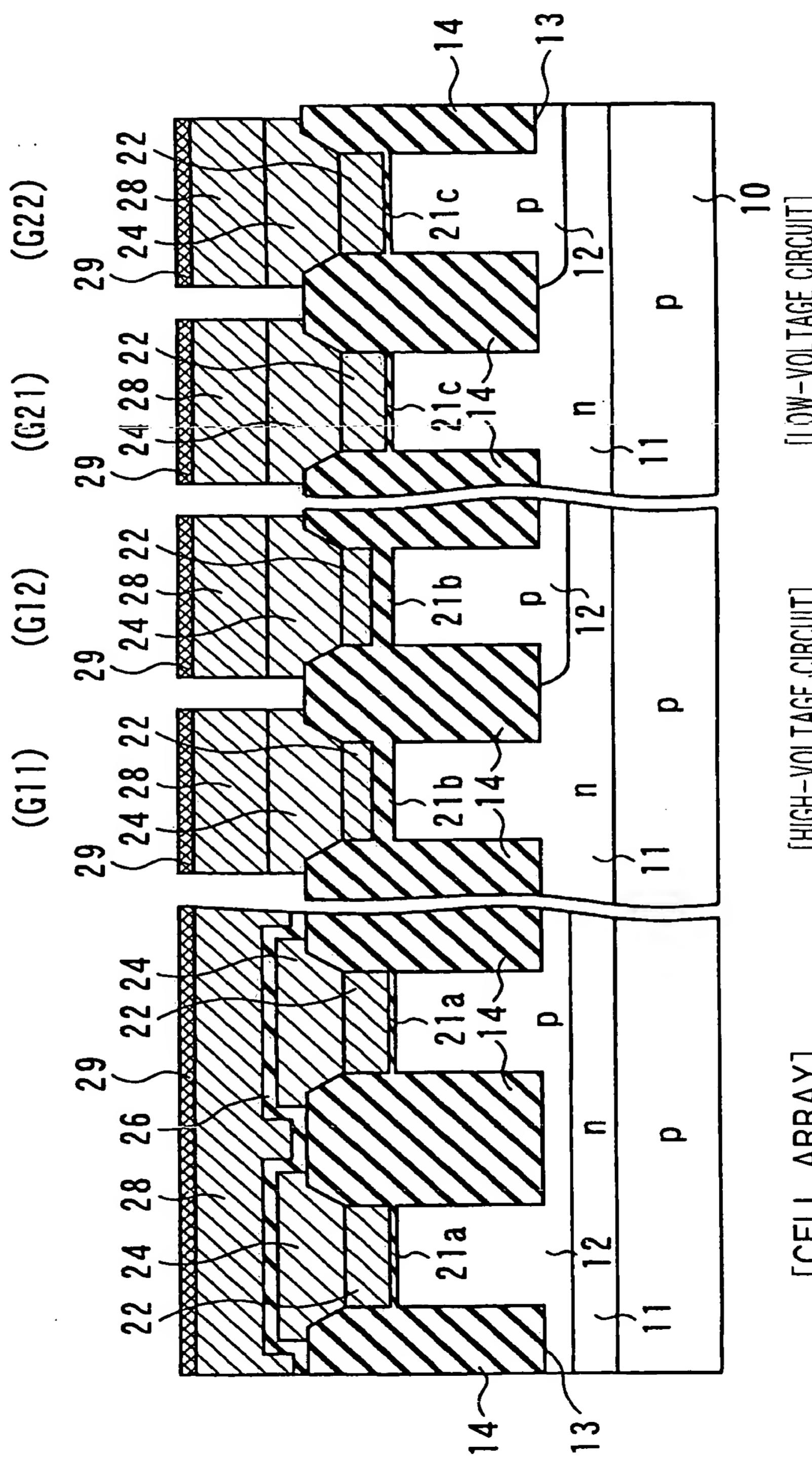


FIG. 13

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[CFS] | ARRAY

HIGH-VOLTAGE CIRCUIT

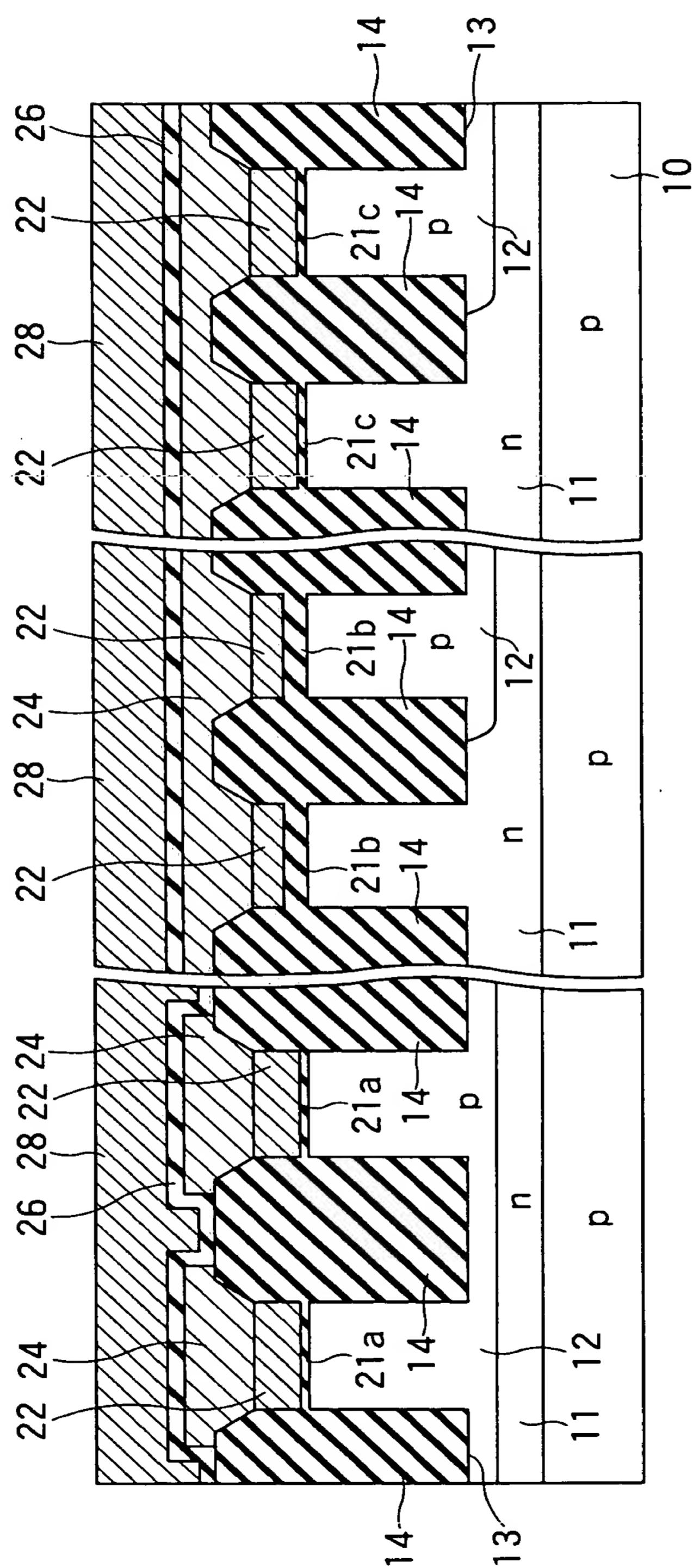
[LOW-VOLTAGE CIRCUIT]

FIG. 14

F03090 " 67092360

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[CELL ARRAY] [HIGH-VOLTAGE CIRCUIT]

[LOW-VOLTAGE CIRCUIT]

FIG. 14A

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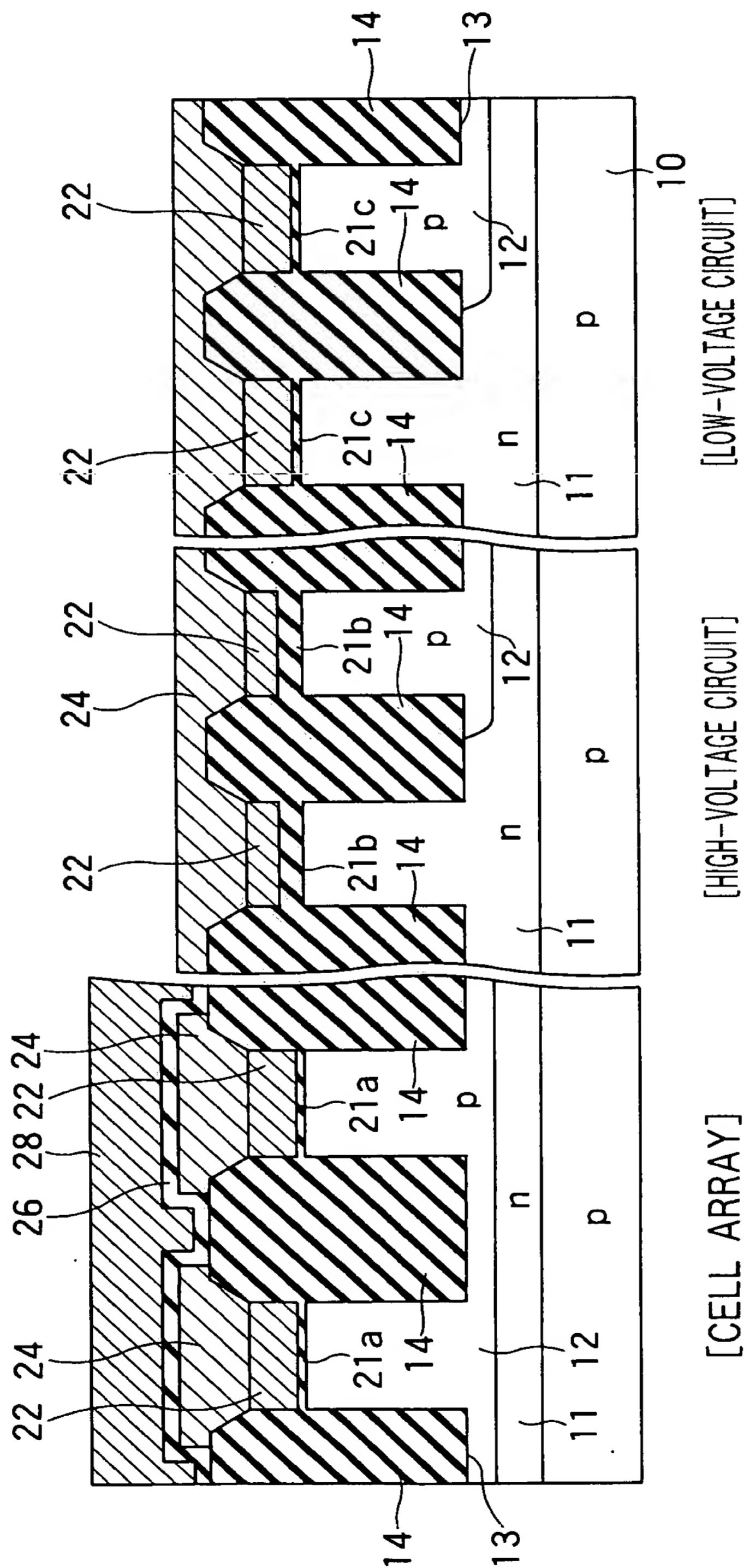
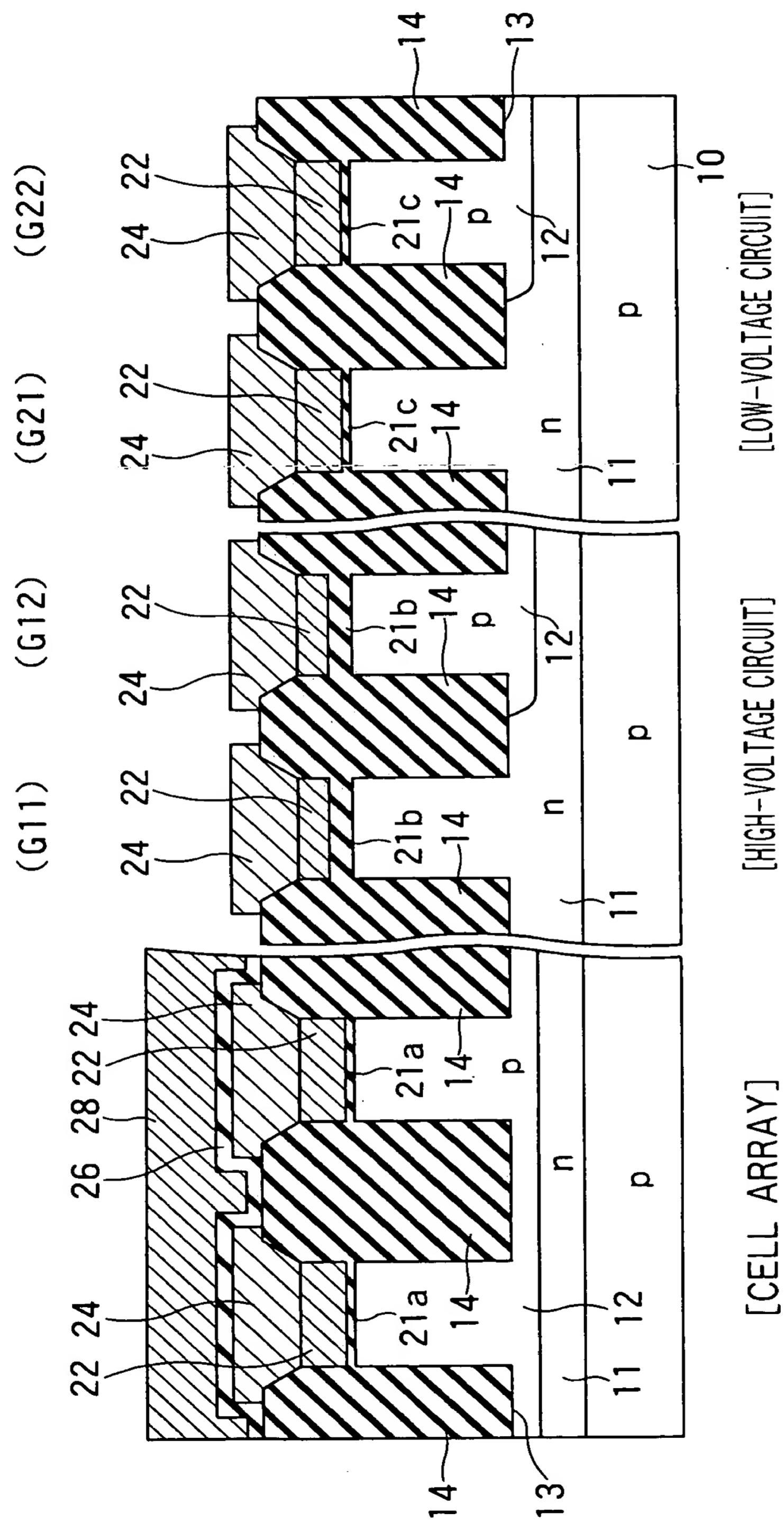


FIG. 14B

108090 " 5 T094860

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[CELL ARRAY] [HIGH-VOLTAGE CIRCUIT] [LOW-VOLTAGE CIRCUIT]

FIG. 14C

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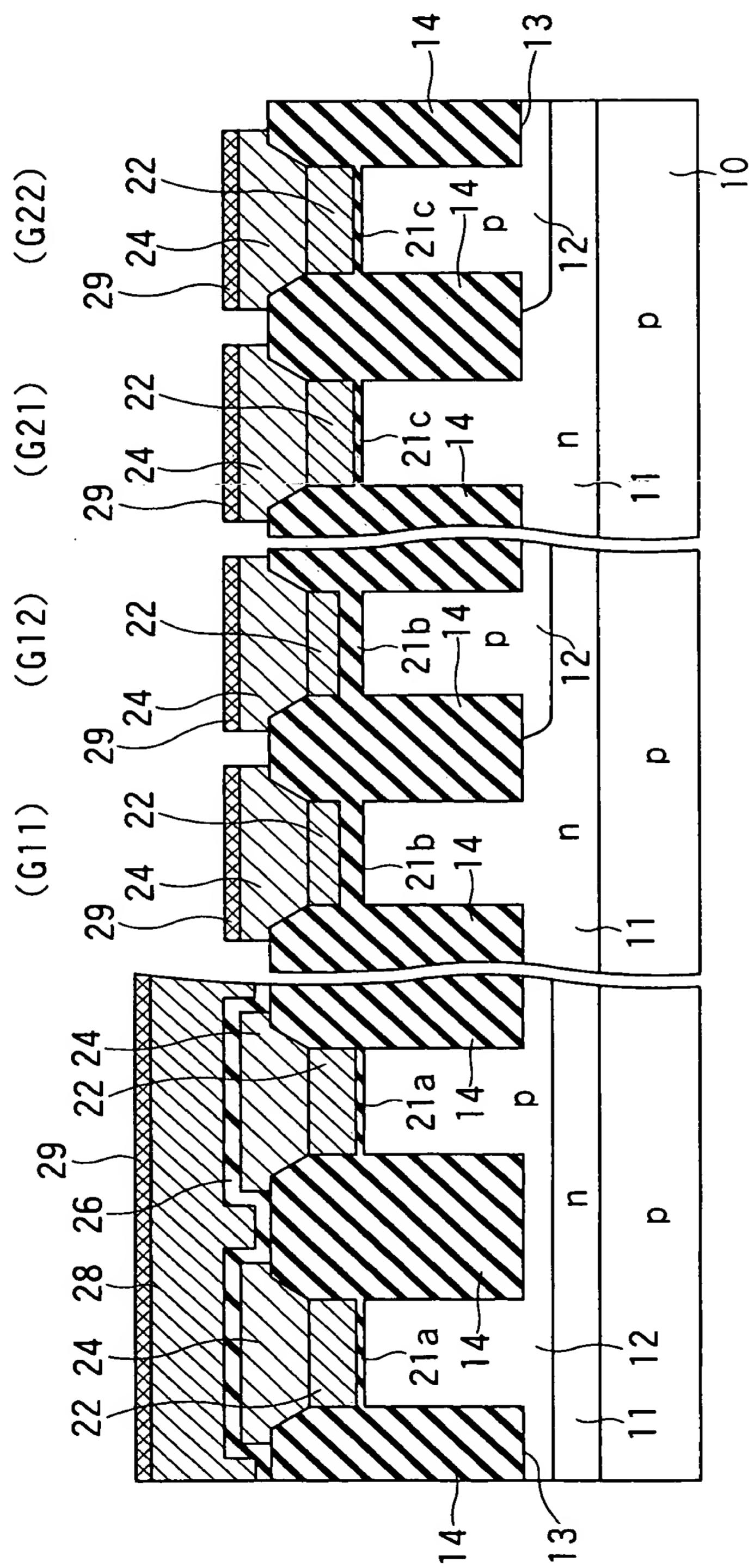
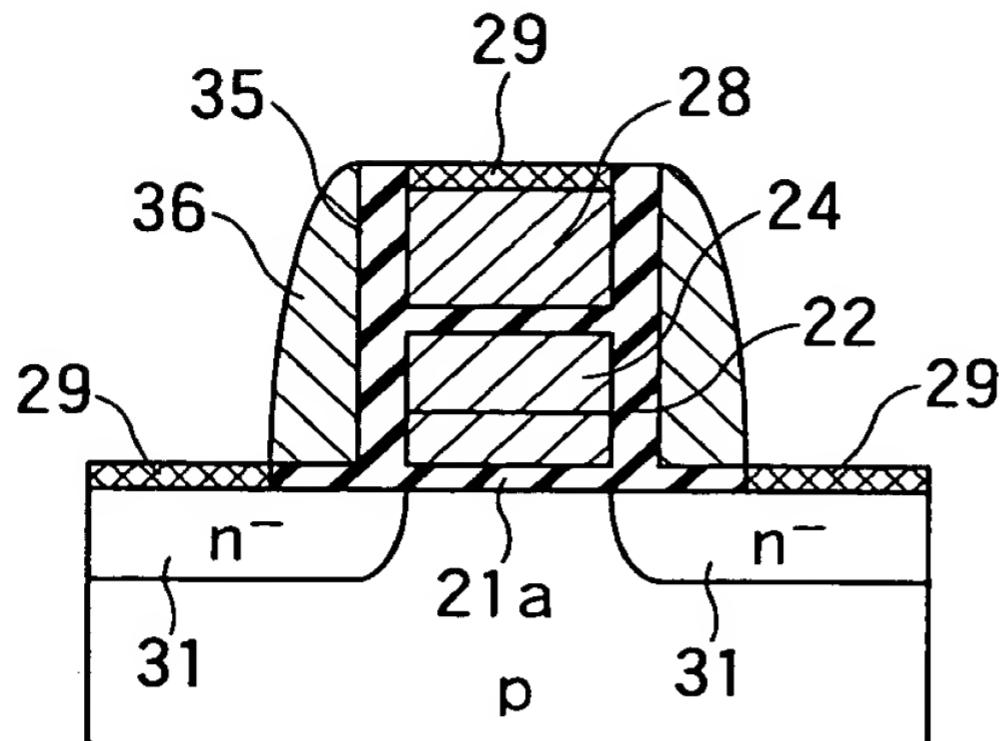
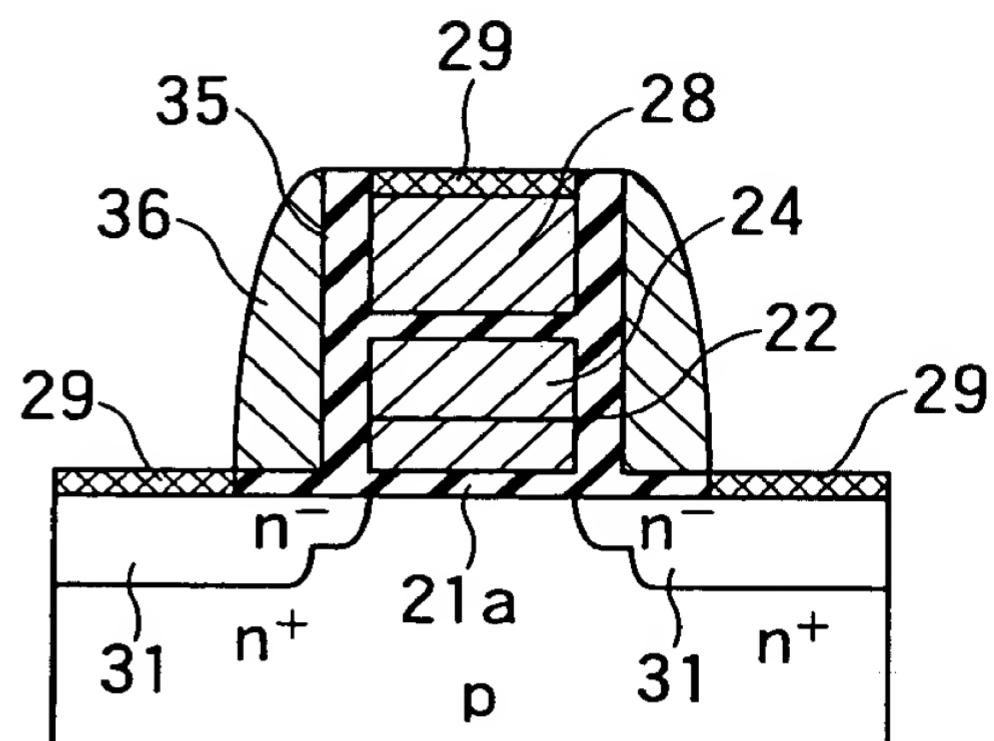


FIG. 14D

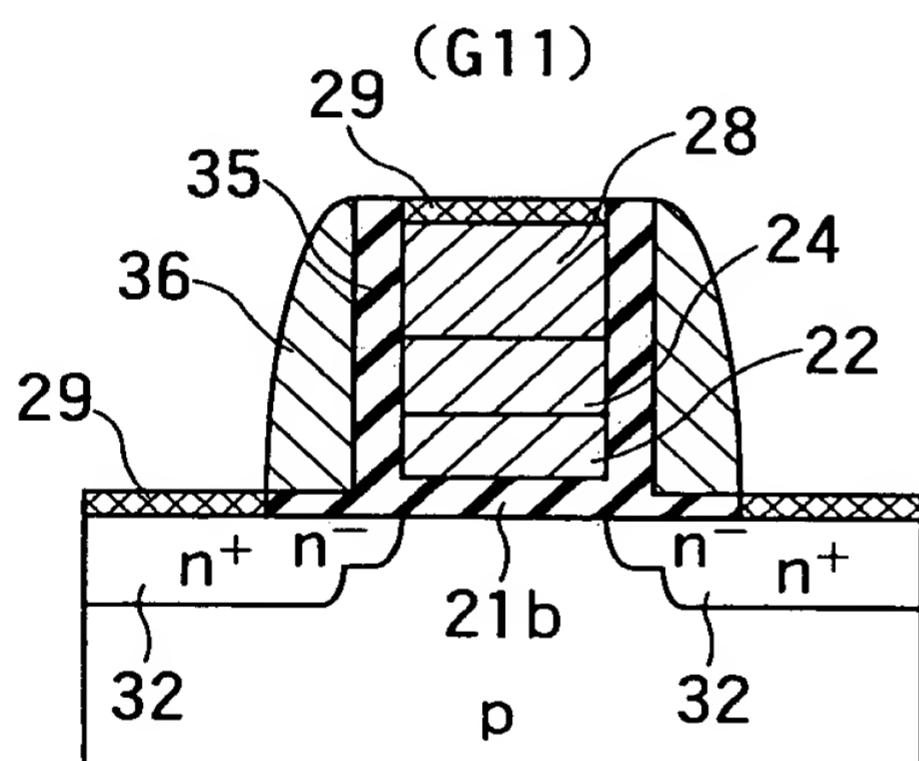
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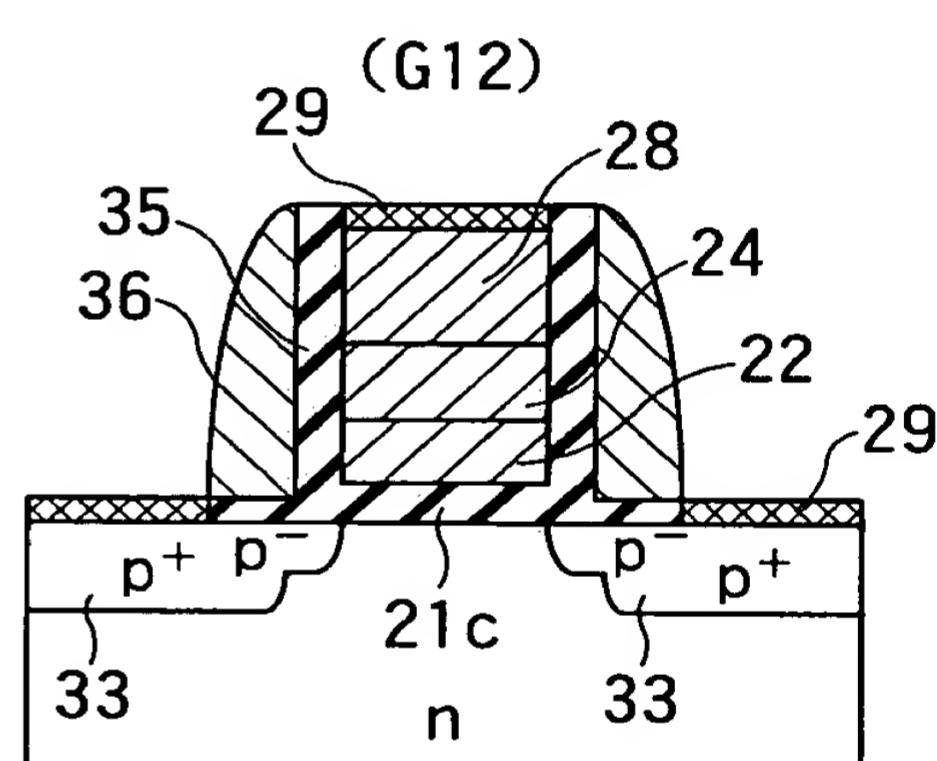
[MEMORY CELL]



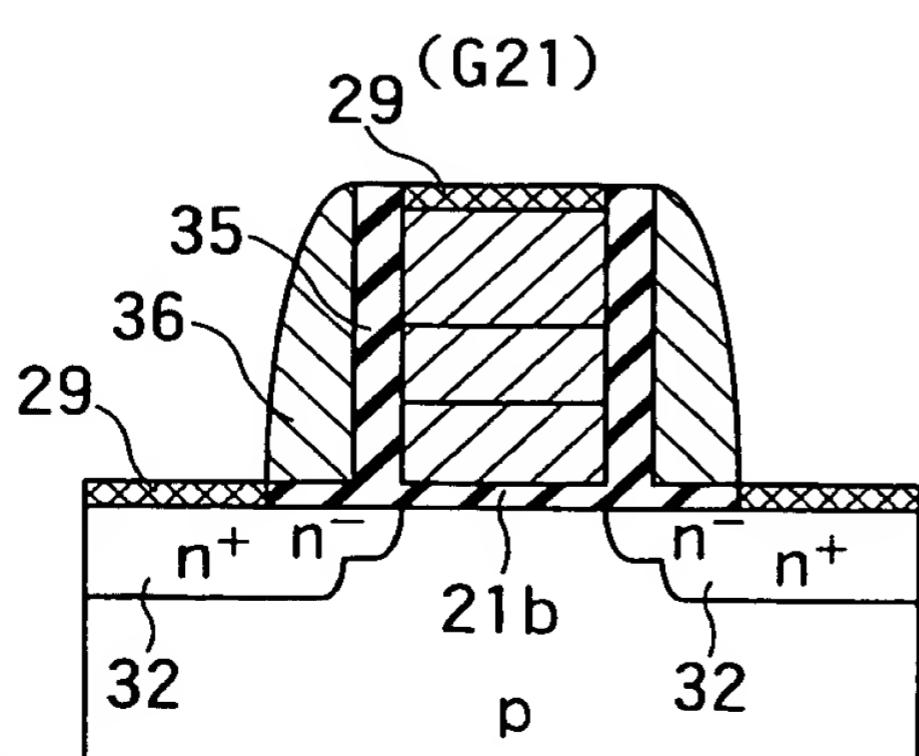
[MEMORY CELL]



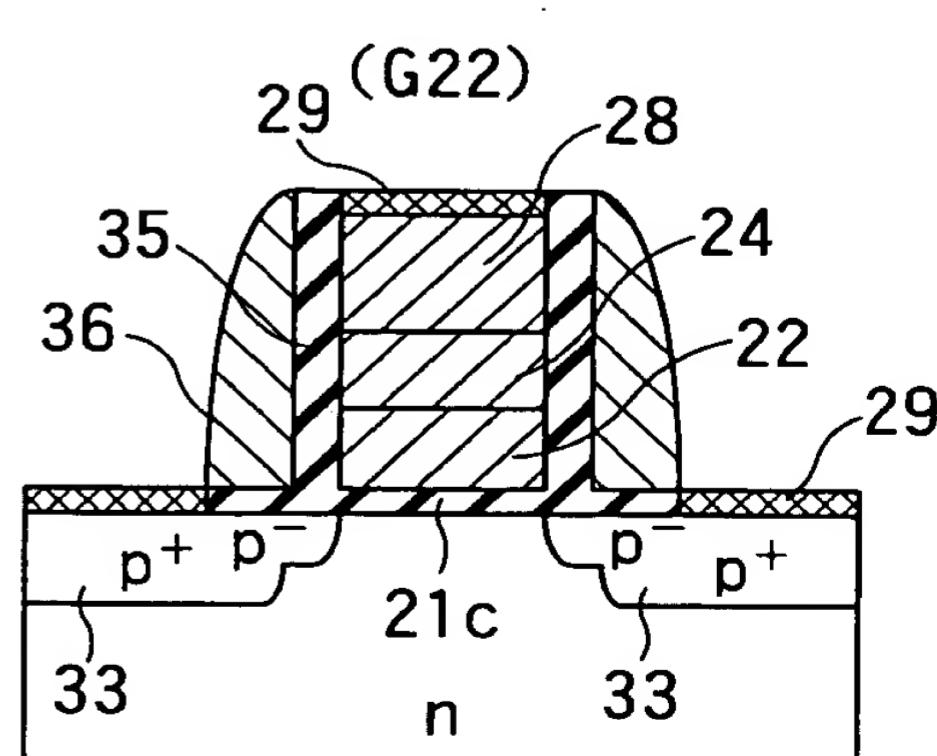
[HIGH-VOLTAGE NMOS]



[HIGH-VOLTAGE PMOS]



[LOW-VOLTAGE NMOS]



[LOW-VOLTAGE PMOS]

FIG. 15

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00000000000000000000000000000000

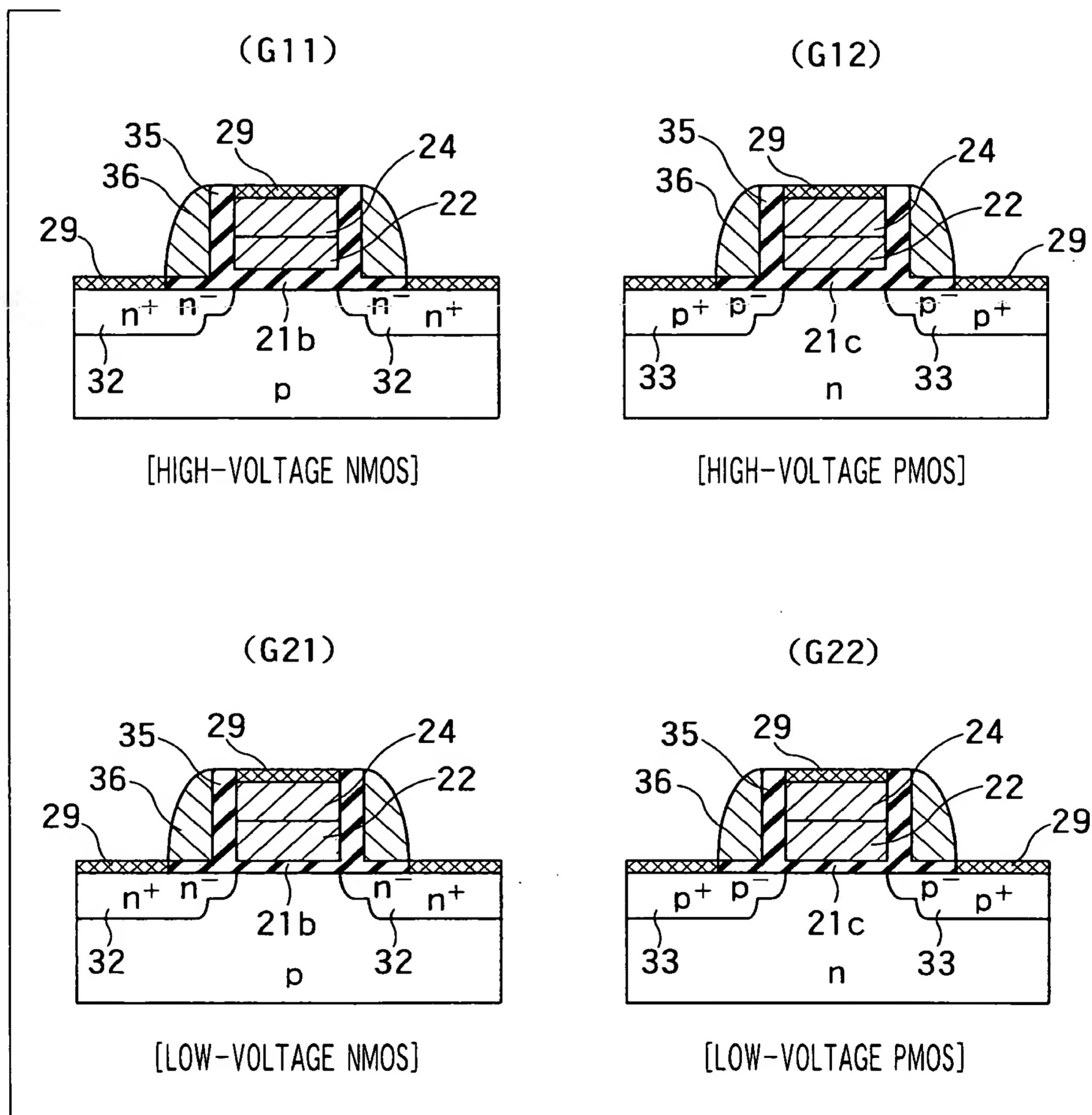
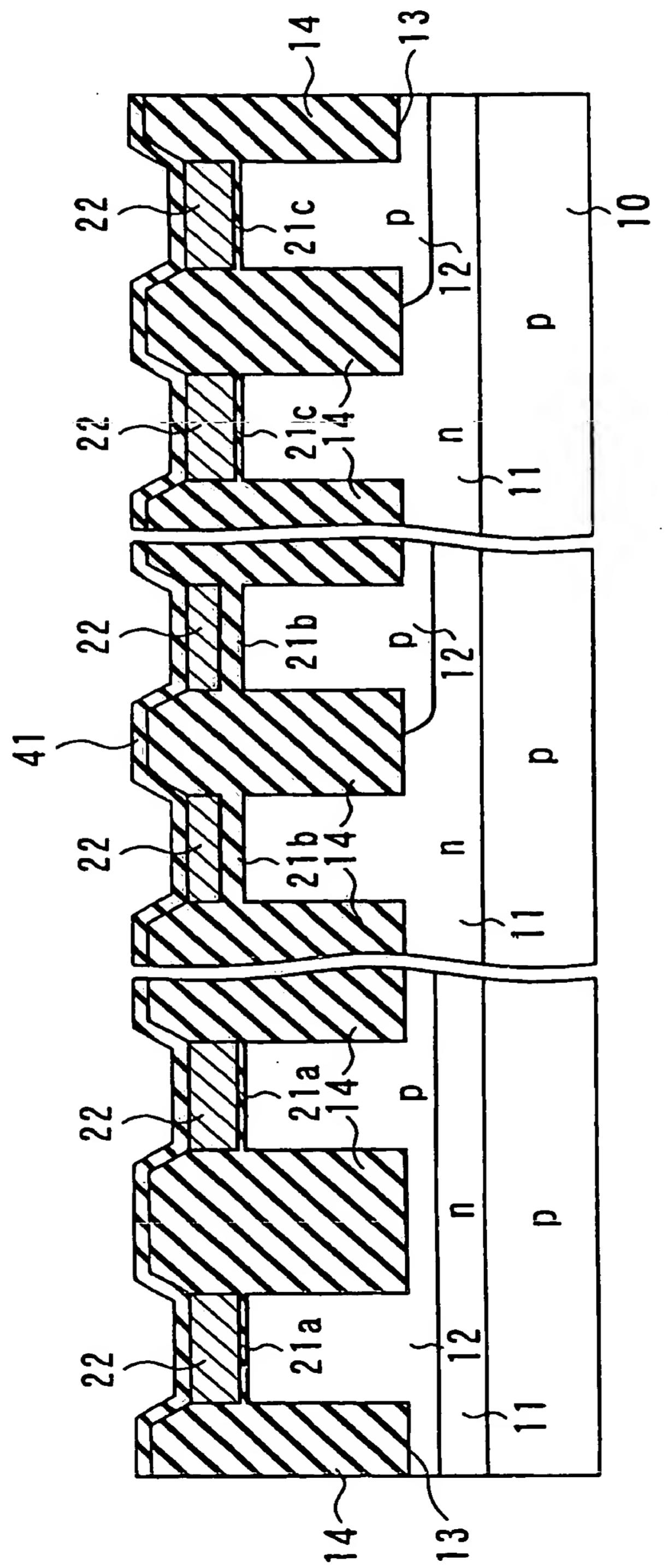


FIG. 15A

T020910 "6T094360

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[LOW-VOLTAGE CIRCUIT]

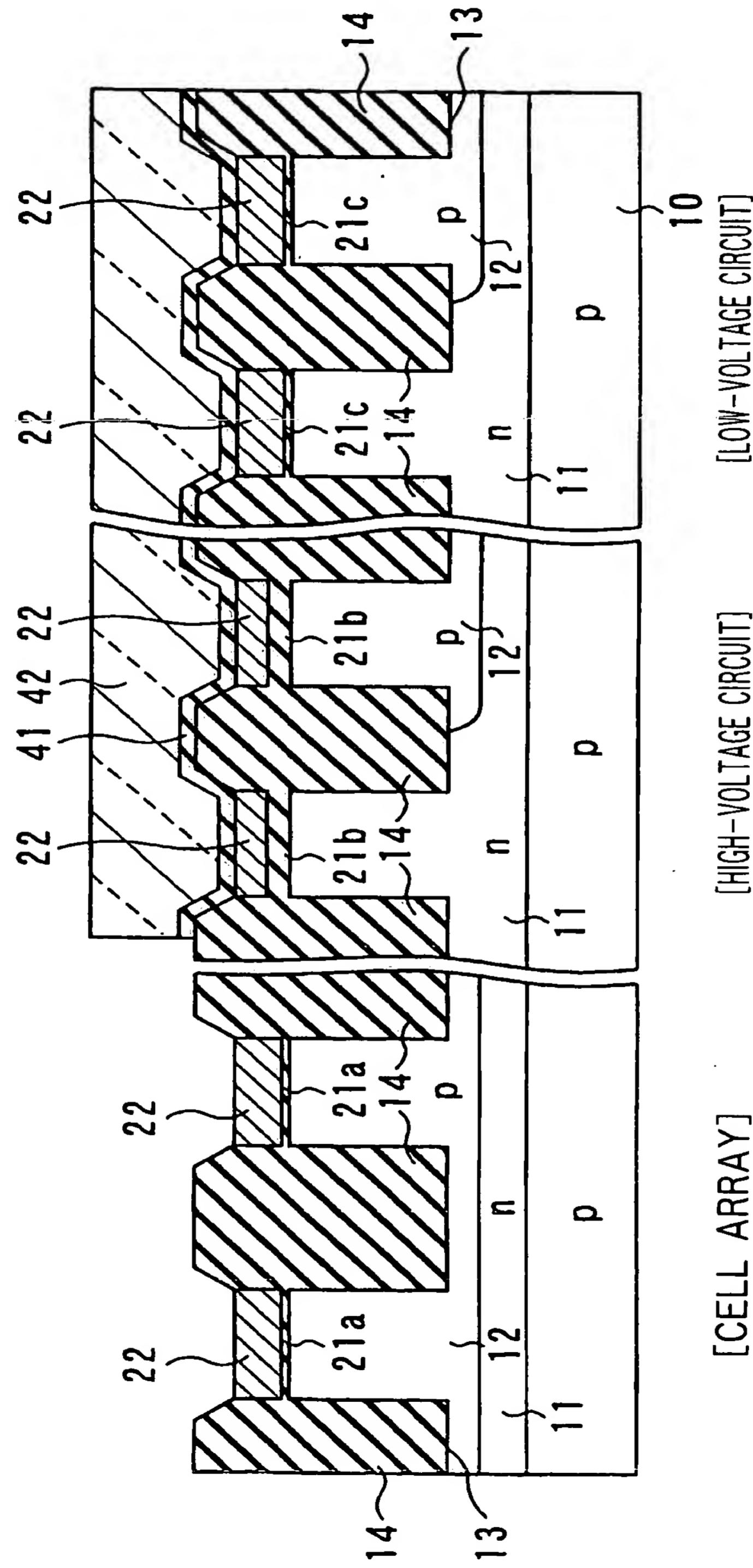
[HIGH-VOLTAGE CIRCUIT]

[CELL ARRAY]

FIG. 16

7023090 "57094260

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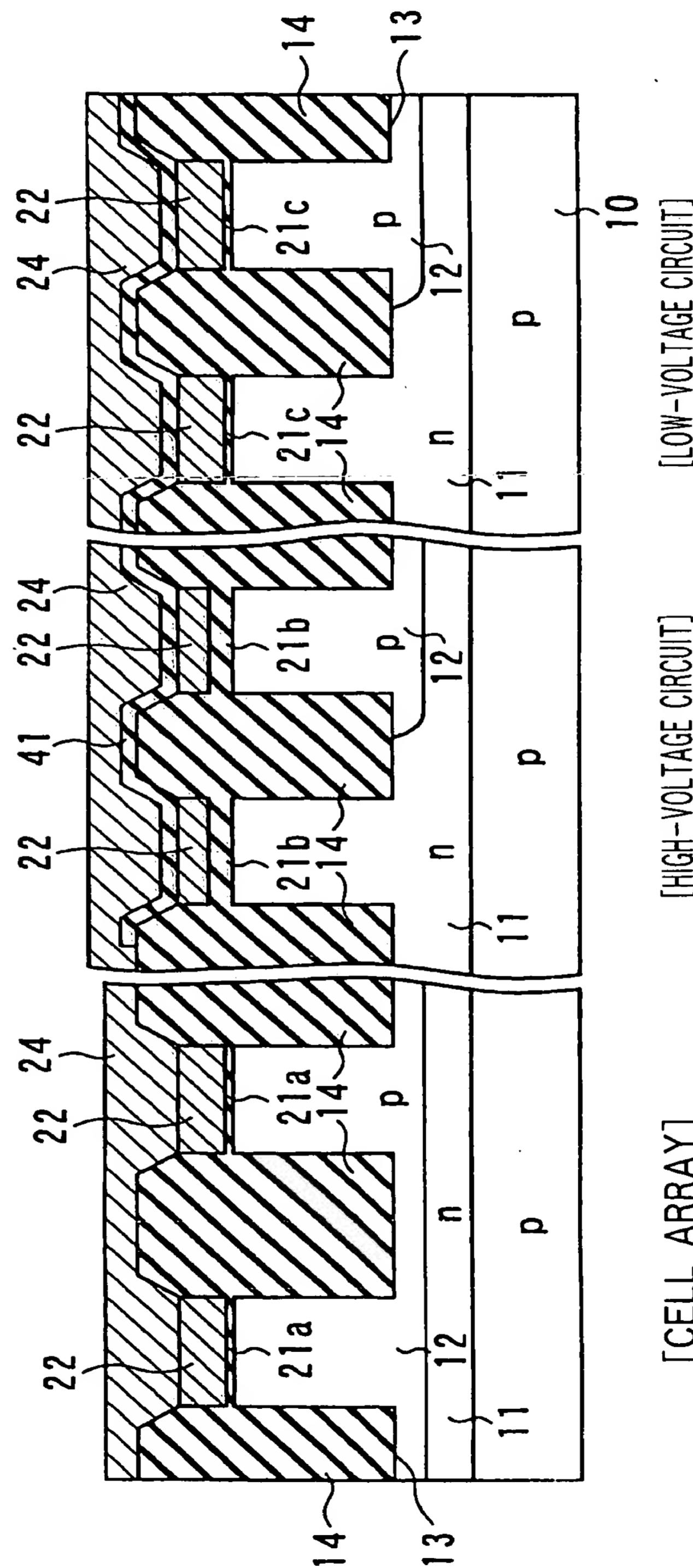
[CELL ARRAY]  
[HIGH-VOLTAGE CIRCUIT]  
[LOW-VOLTAGE CIRCUIT]

FIG. 17

F03090 "6T09260

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[LOW-VOLTAGE CIRCUIT]

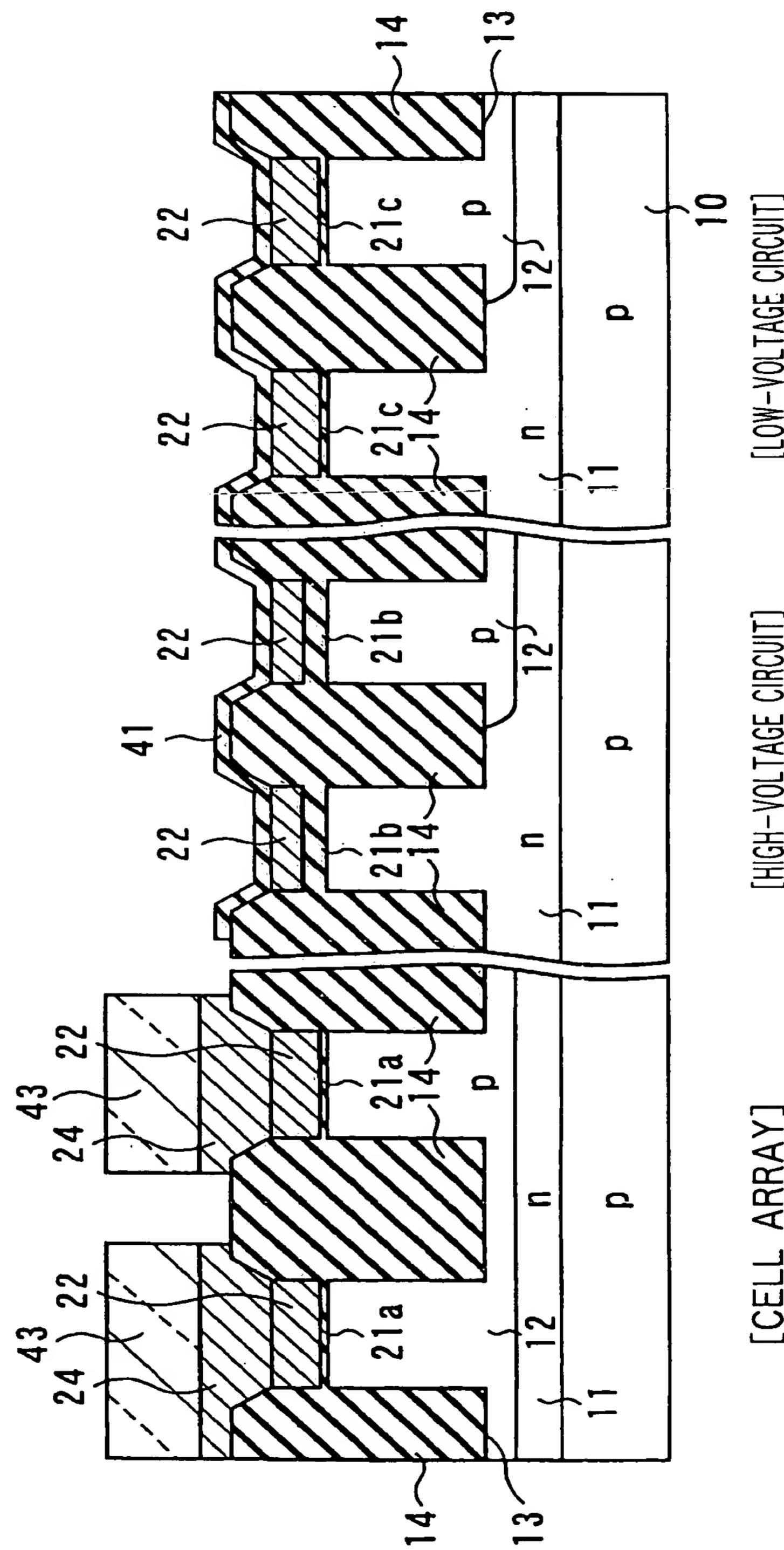
[HIGH-VOLTAGE CIRCUIT]

[CELL ARRAY]

FIG. 18

102090 " 67094360

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[LOW-VOLTAGE CIRCUIT]

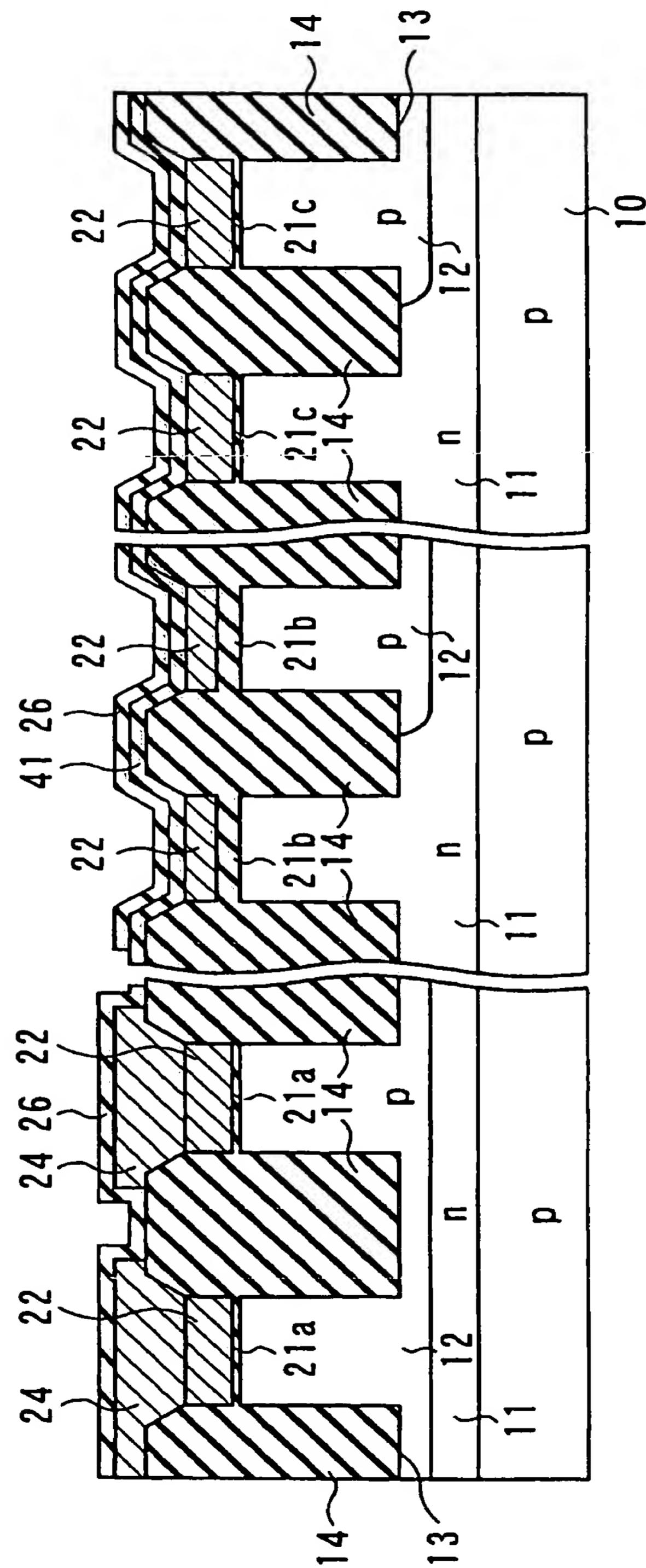
[HIGH-VOLTAGE CIRCUIT]

[CELL ARRAY]

FIG. 19

F03090 " 67092360

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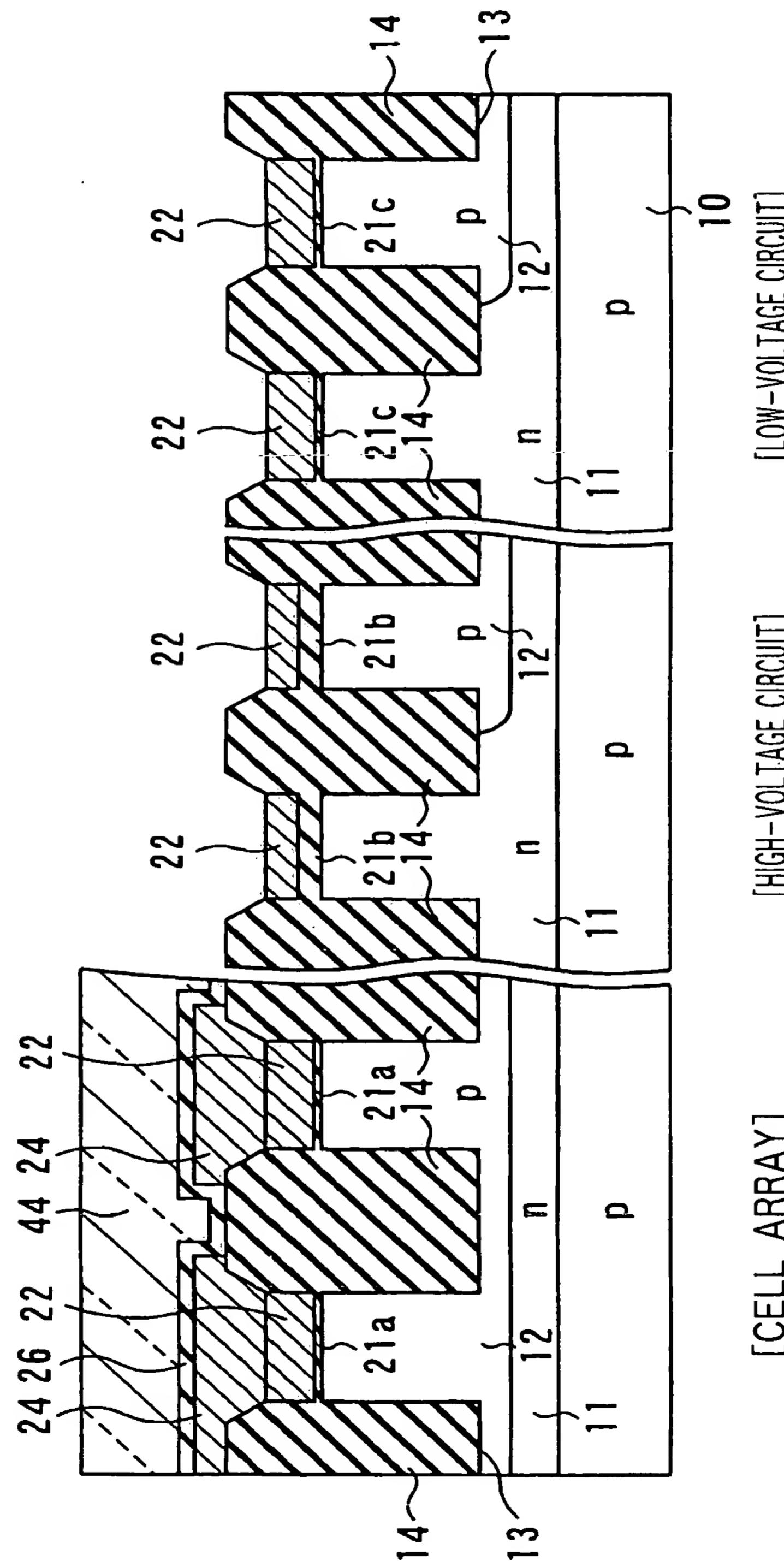


[CELL ARRAY] [HIGH-VOLTAGE CIRCUIT] [LOW-VOLTAGE CIRCUIT]

FIG. 20

1008090 "6709<1860

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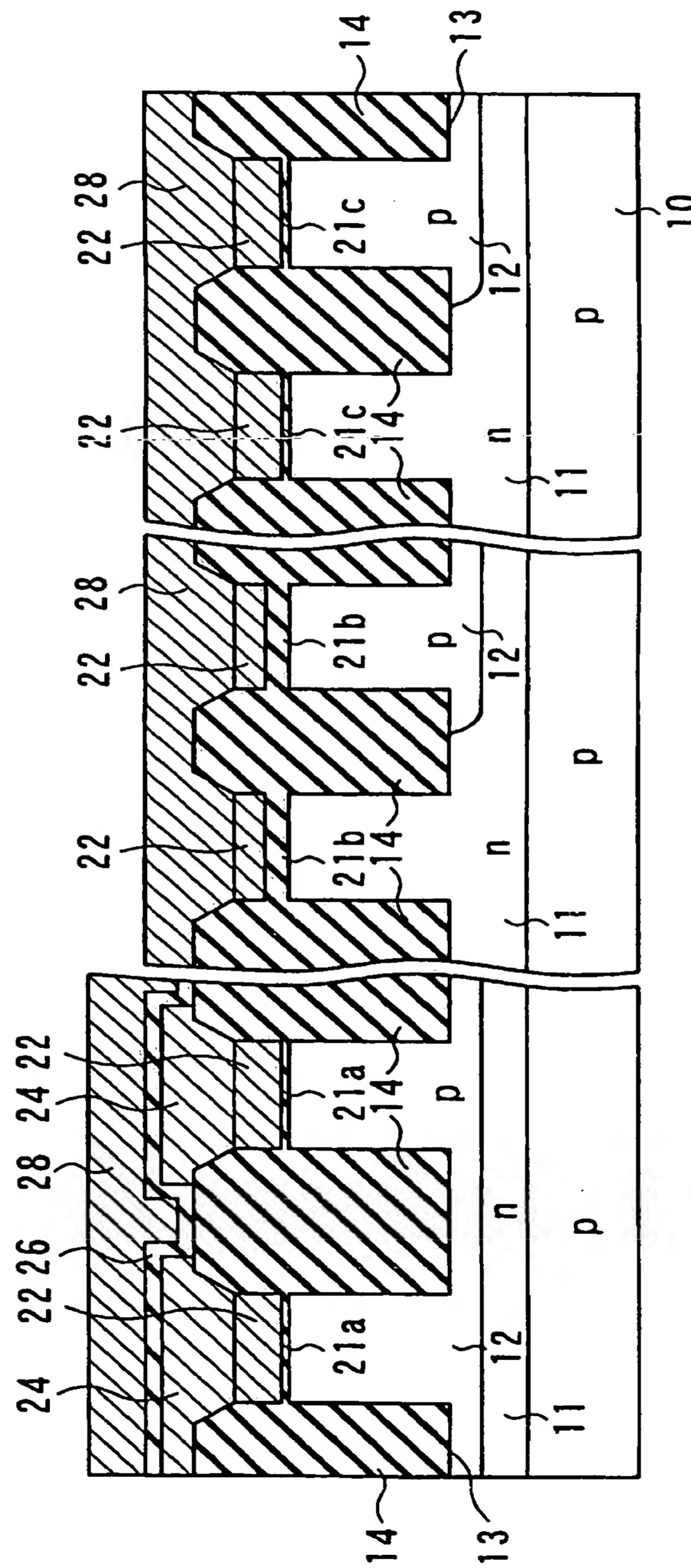
[CELL ARRAY] [HIGH-VOLTAGE CIRCUIT]

[LOW-VOLTAGE CIRCUIT]

FIG. 21

702030 " 57094860

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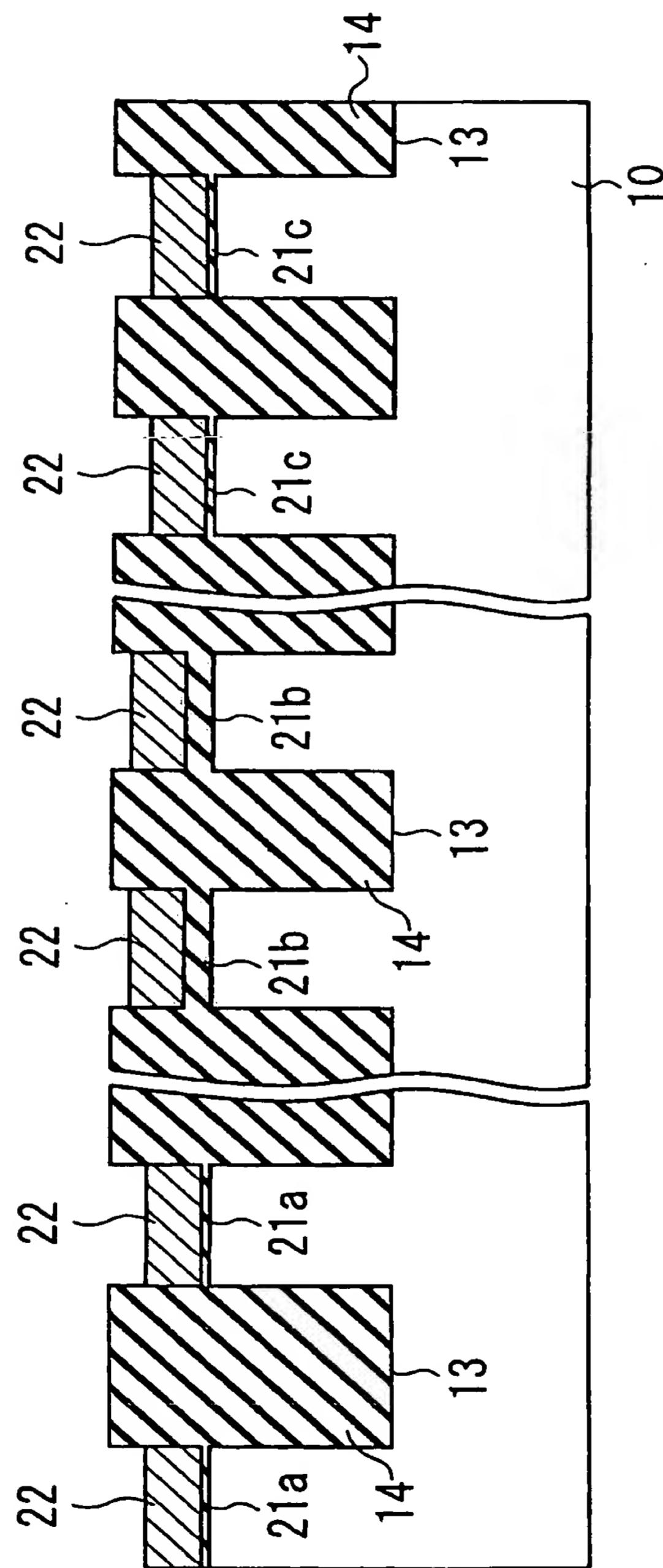
[CELL ARRAY]  
[HIGH-VOLTAGE CIRCUIT]  
[LOW-VOLTAGE CIRCUIT]

FIG. 22

17030910 "5 TDS 4360

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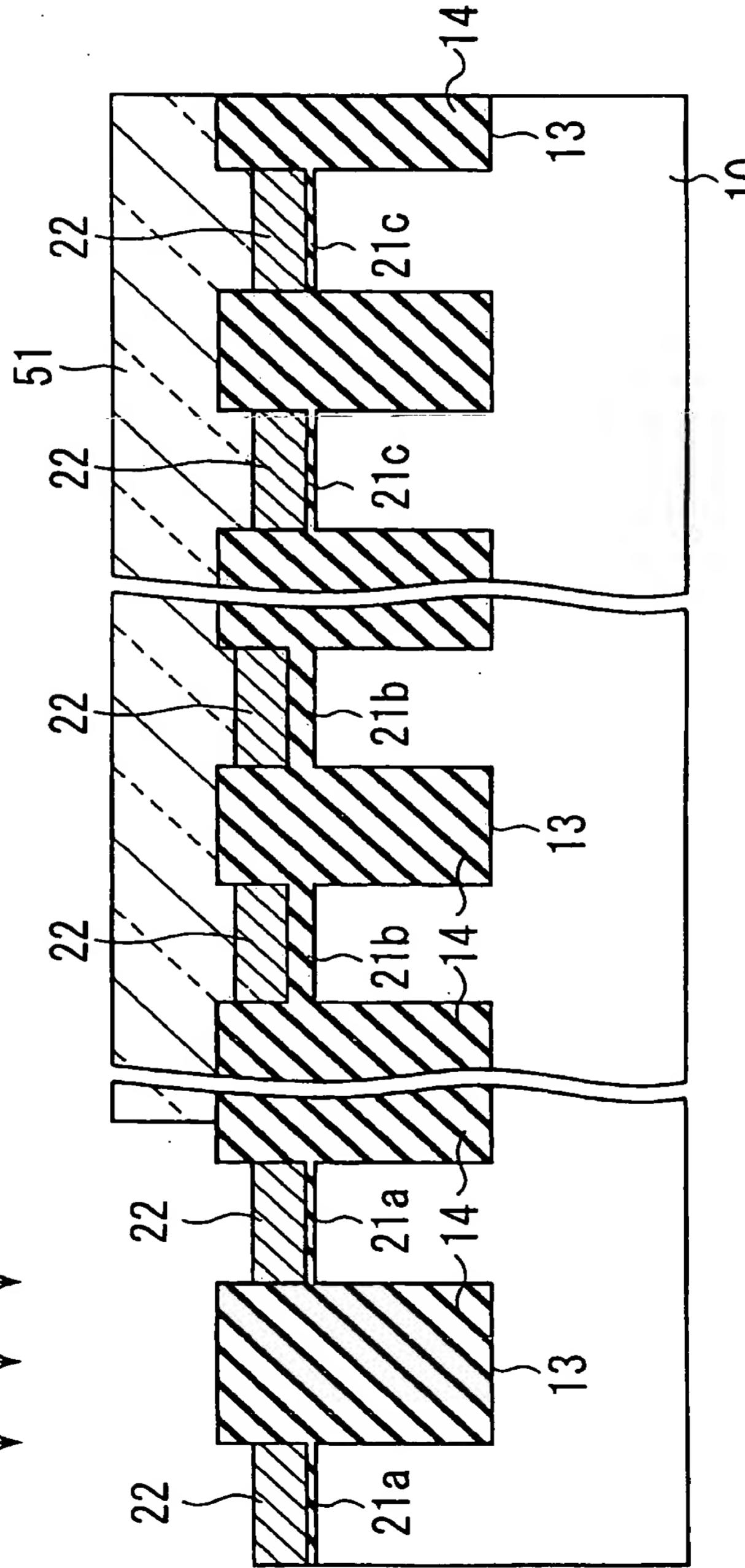
[CELL ARRAY] [HIGH-VOLTAGE CIRCUIT] [LOW-VOLTAGE CIRCUIT]

FIG. 23

T08090 "6T09Z260

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PHOSPHOROUS  
ION-IMPLANTATION



[LOW-VOLTAGE CIRCUIT]

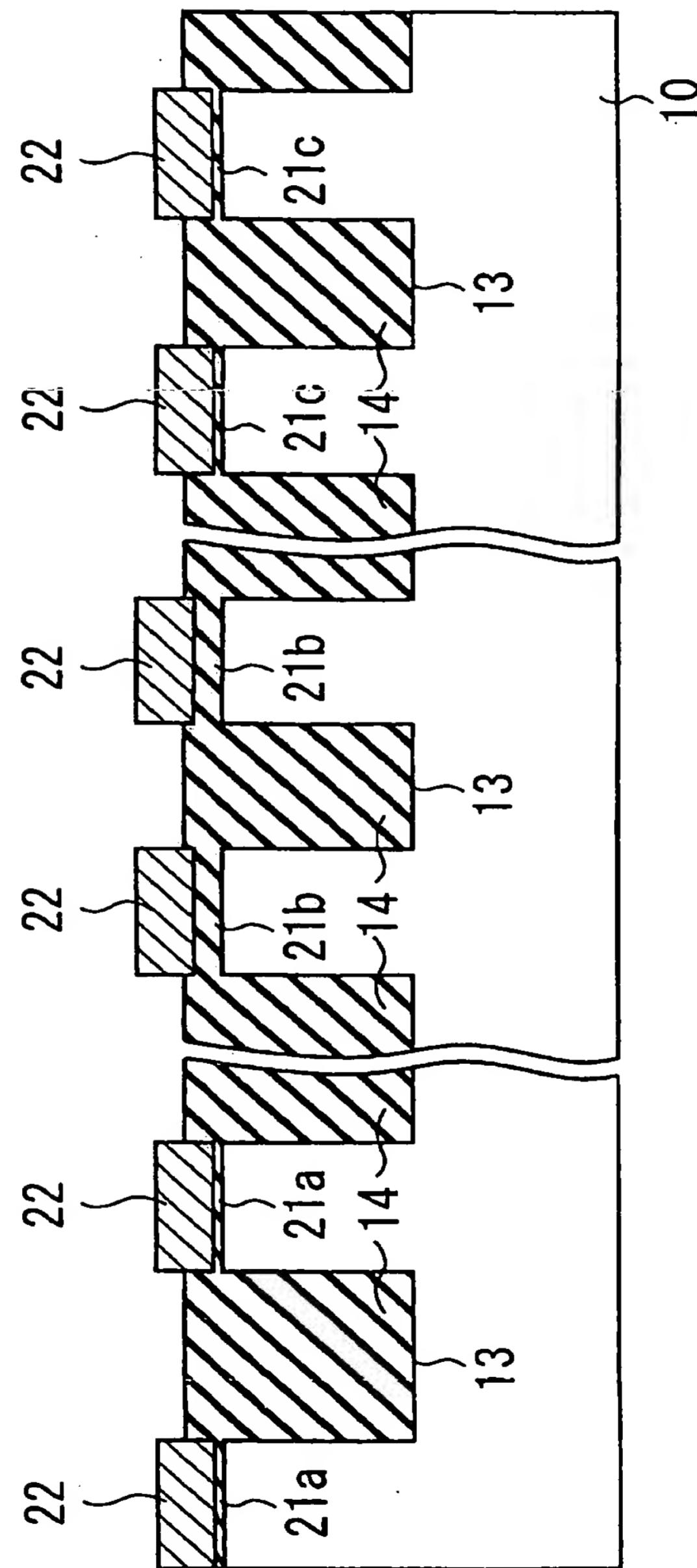
[HIGH-VOLTAGE CIRCUIT]

[CELL ARRAY]

FIG. 24

102020-67022360

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[LOW-VOLTAGE CIRCUIT]

[HIGH-VOLTAGE CIRCUIT]

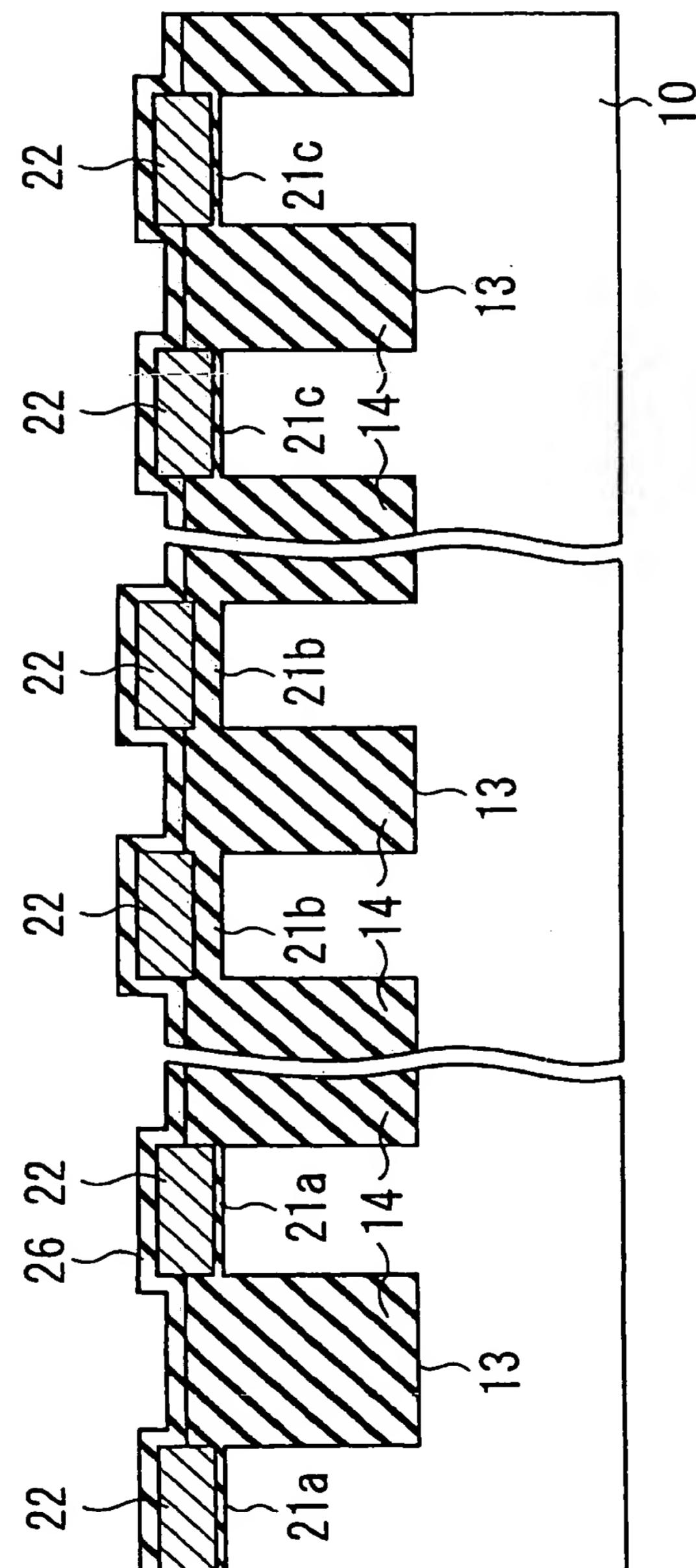
[CELL ARRAY]

FIG. 25

T02090 "ETD 9/23/00

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[CELL ARRAY] [HIGH-VOLTAGE CIRCUIT] [LOW-VOLTAGE CIRCUIT]

FIG. 26

FIG. 20 " 6709260

OBLON, SPIVAK, ET AL  
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INV: Seiichi MORI  
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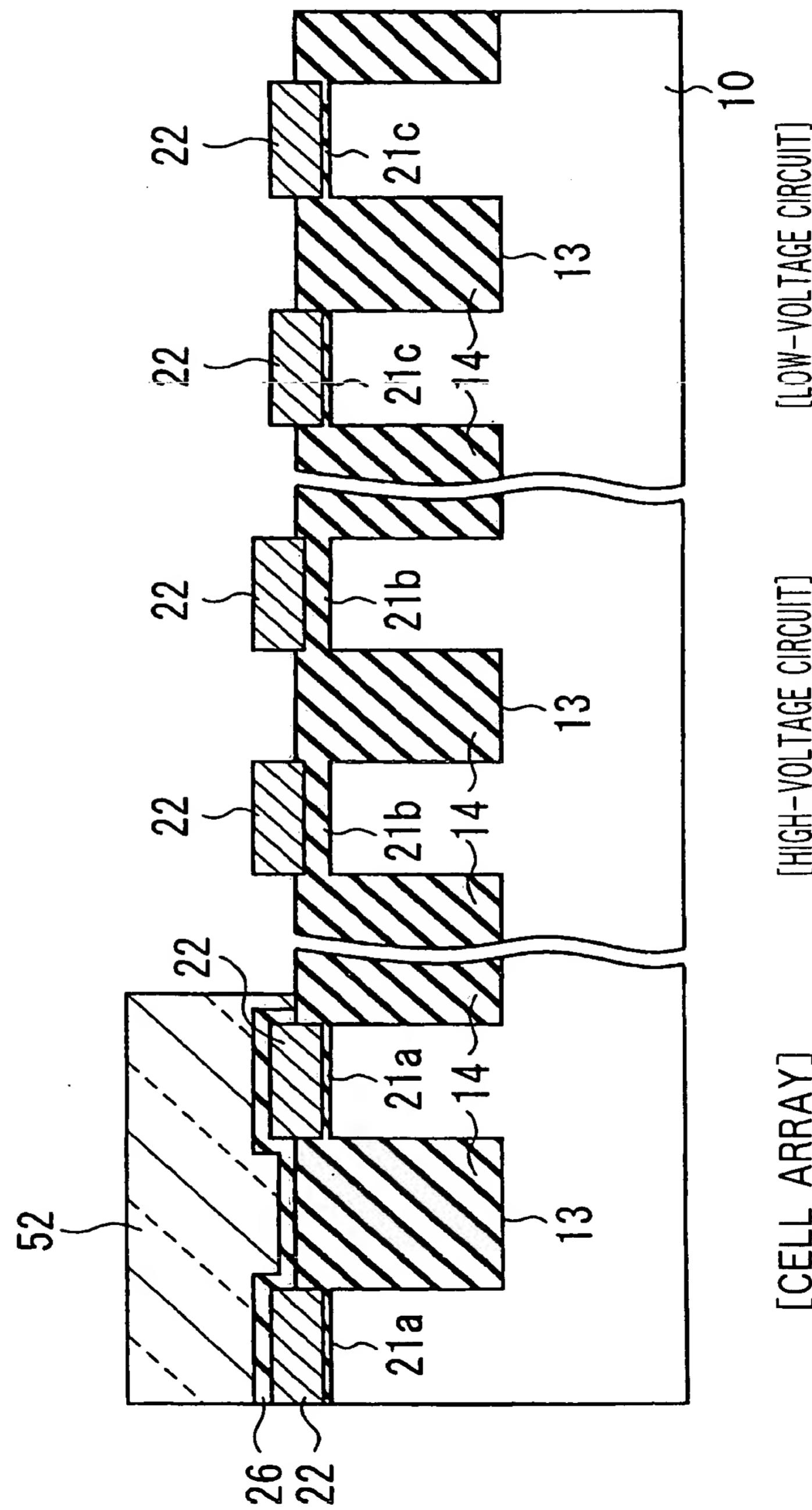
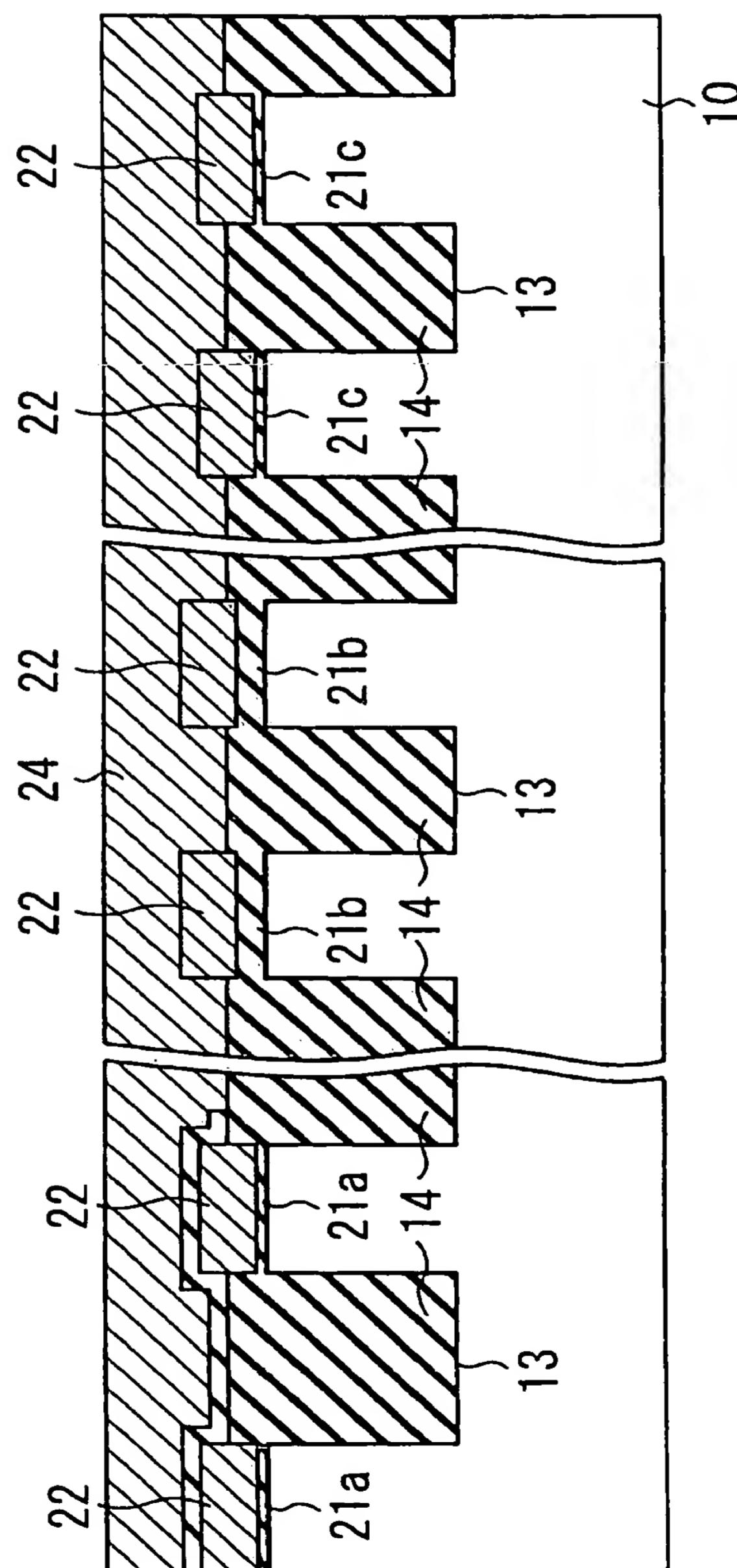


FIG. 27

F03090 "6 T09 4360

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INV: Seiichi MORI  
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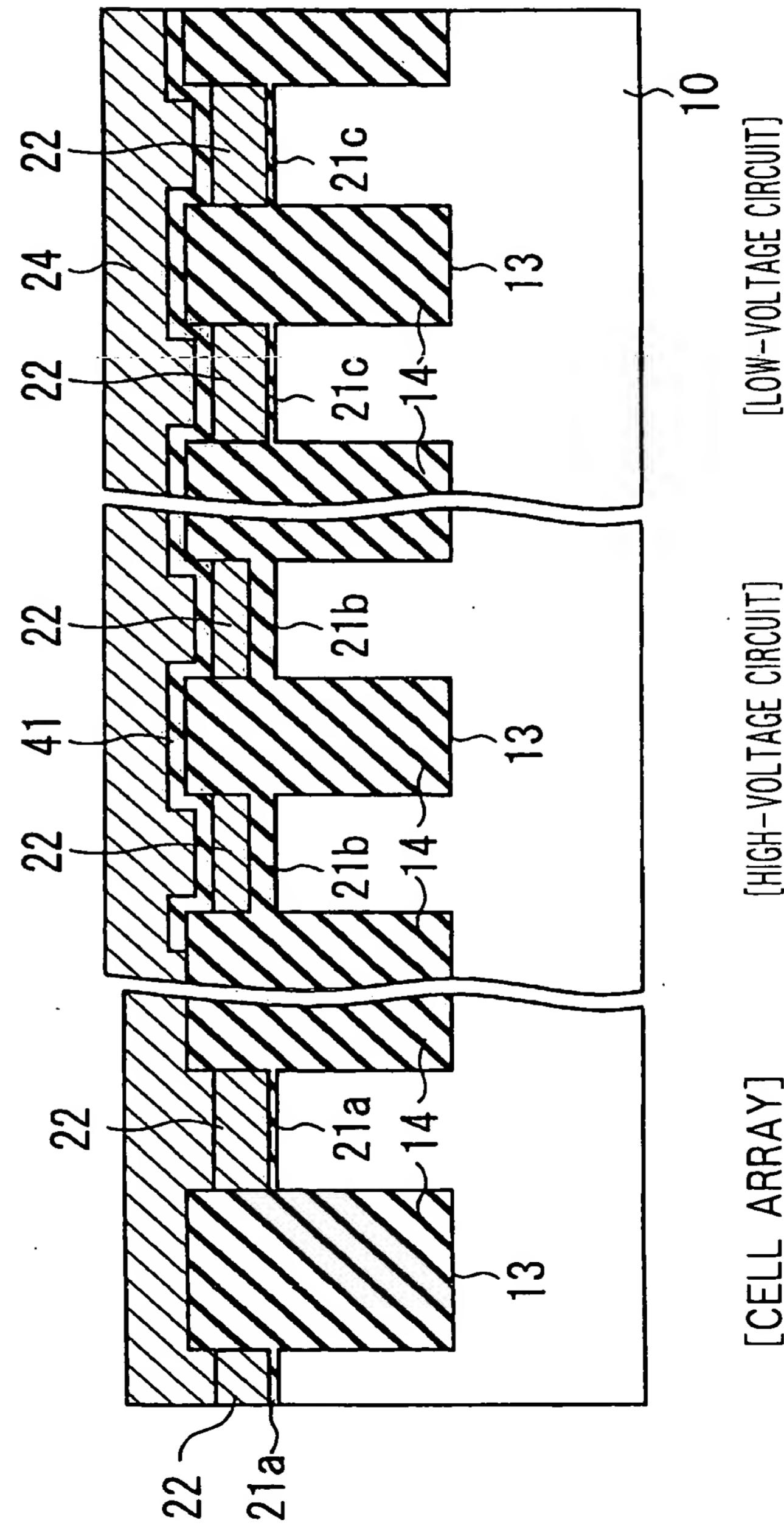
[LOW-VOLTAGE CIRCUIT]

[HIGH-VOLTAGE CIRCUIT]

[CELL ARRAY]

FIG. 28

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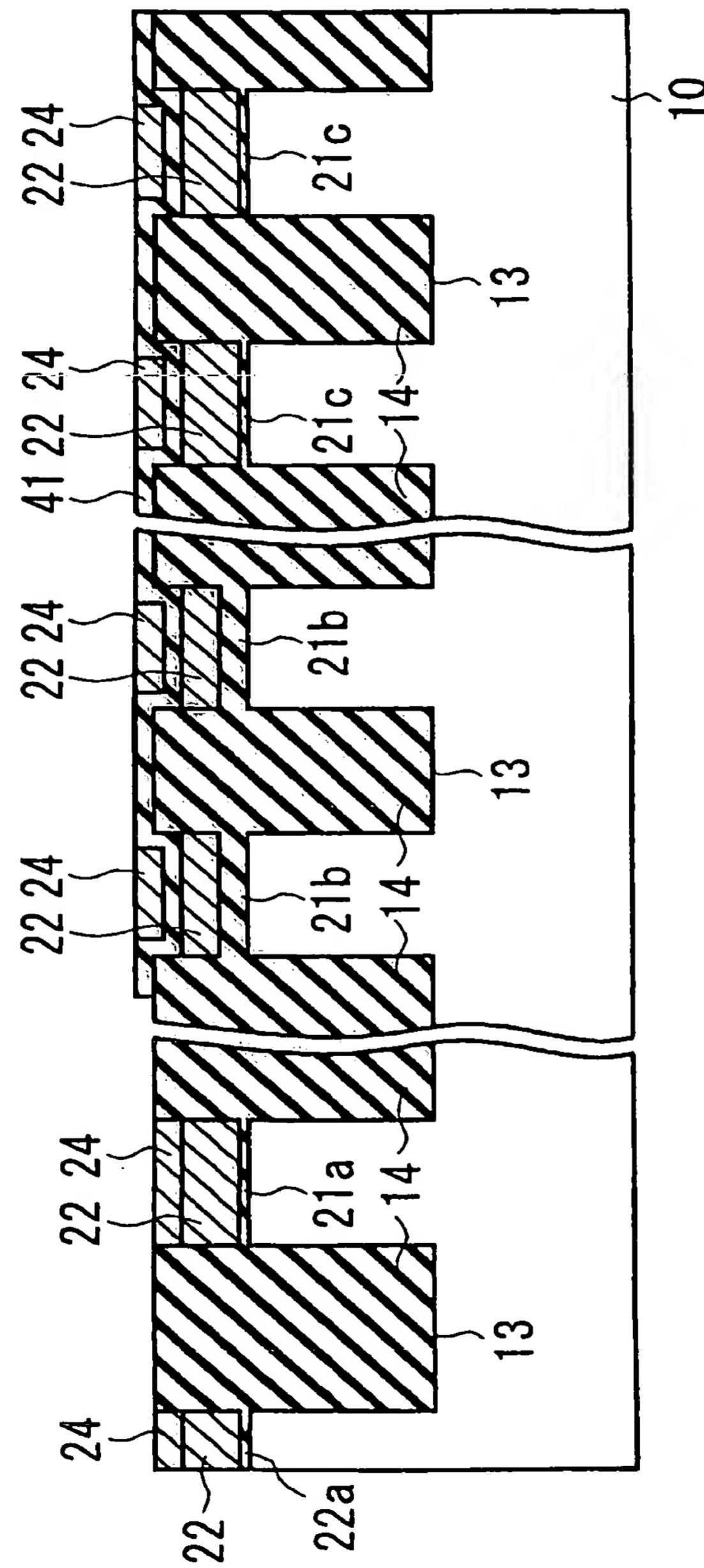
[LOW-VOLTAGE CIRCUIT]

[HIGH-VOLTAGE CIRCUIT]

[CELL ARRAY]

FIG. 29

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[LOW-VOLTAGE CIRCUIT]

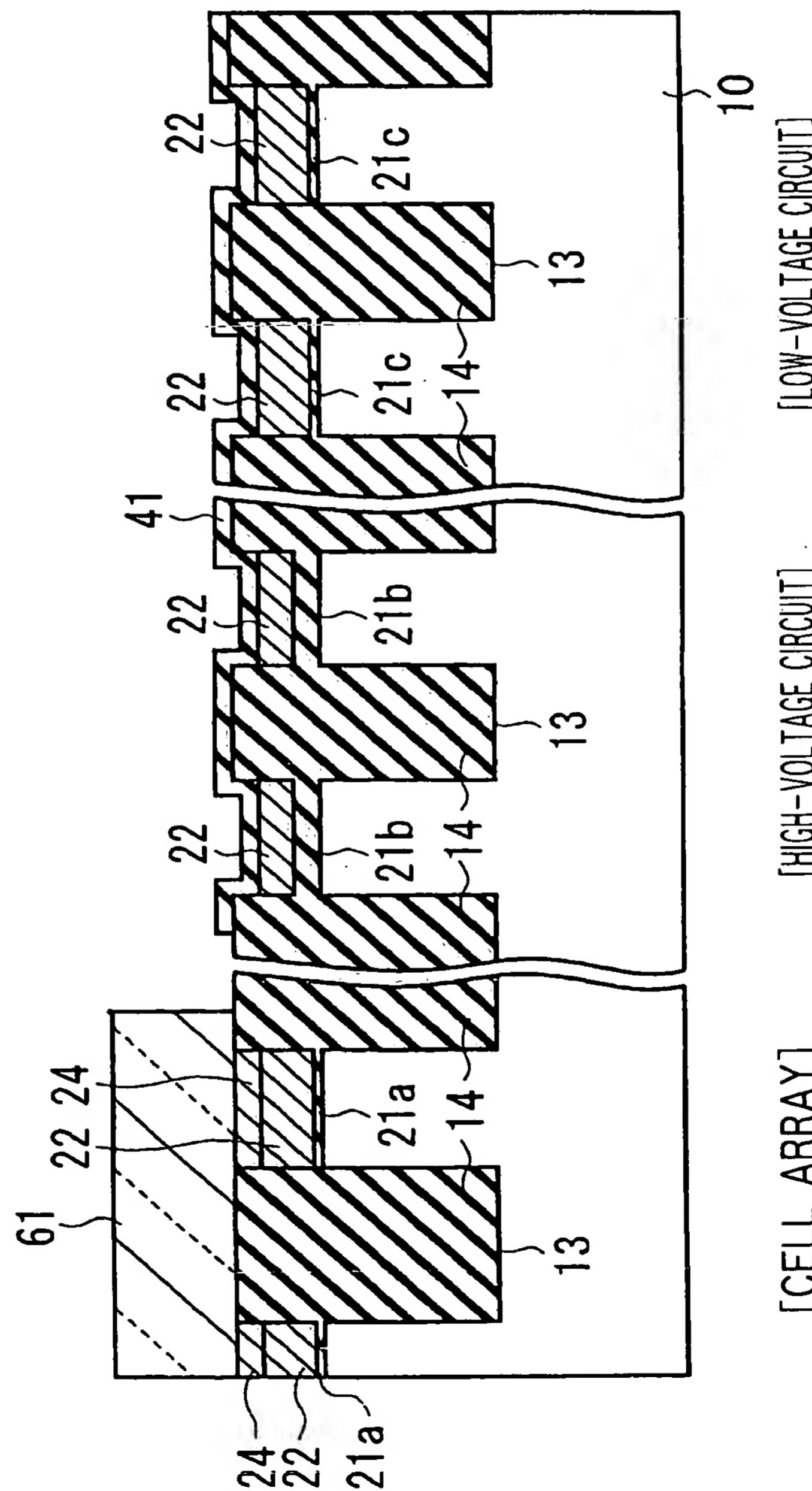
[HIGH-VOLTAGE CIRCUIT]

[CELL ARRAY]

FIG. 30

TOP SECRET//  
REF ID: A67032

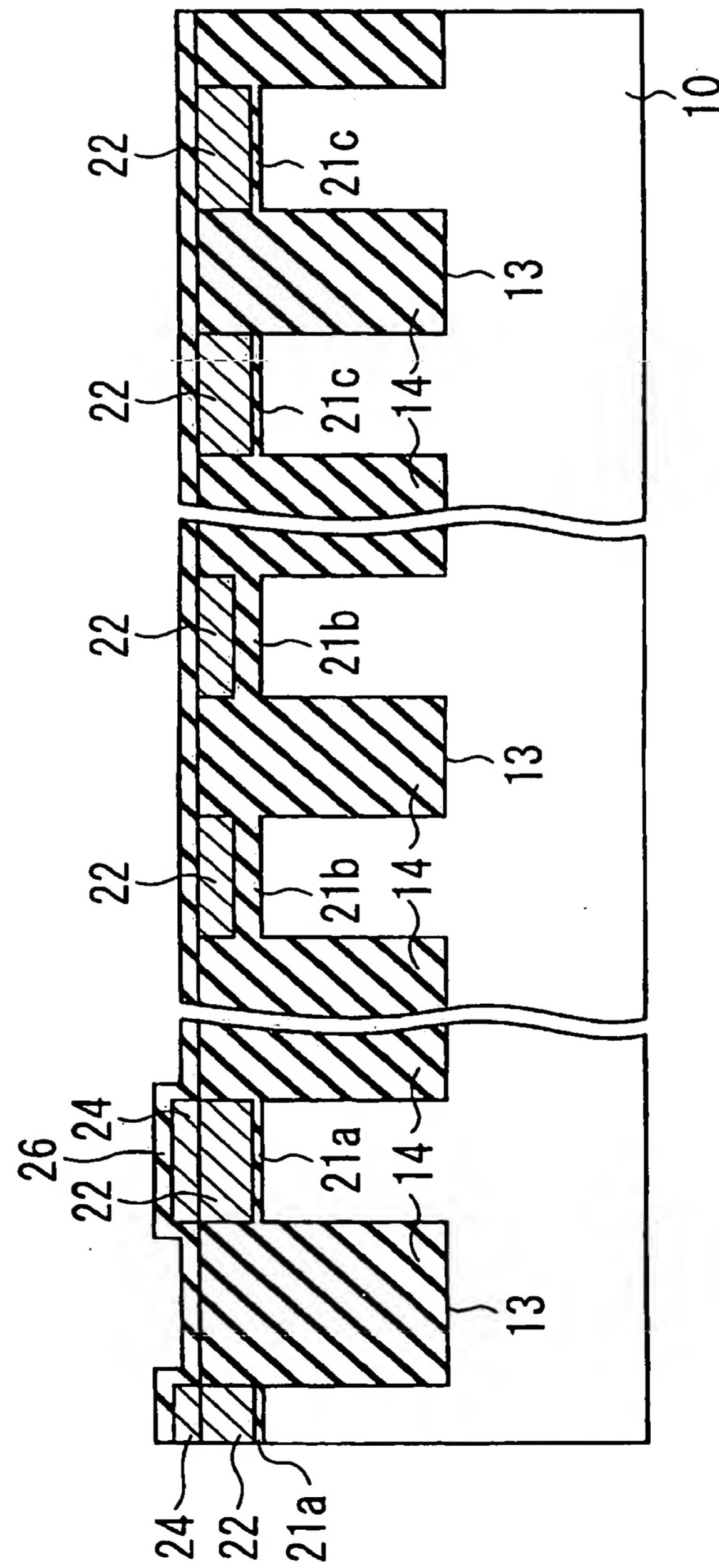
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[CELL ARRAY] [HIGH-VOLTAGE CIRCUIT] [LOW-VOLTAGE CIRCUIT]

FIG. 31

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[LOW-VOLTAGE CIRCUIT]

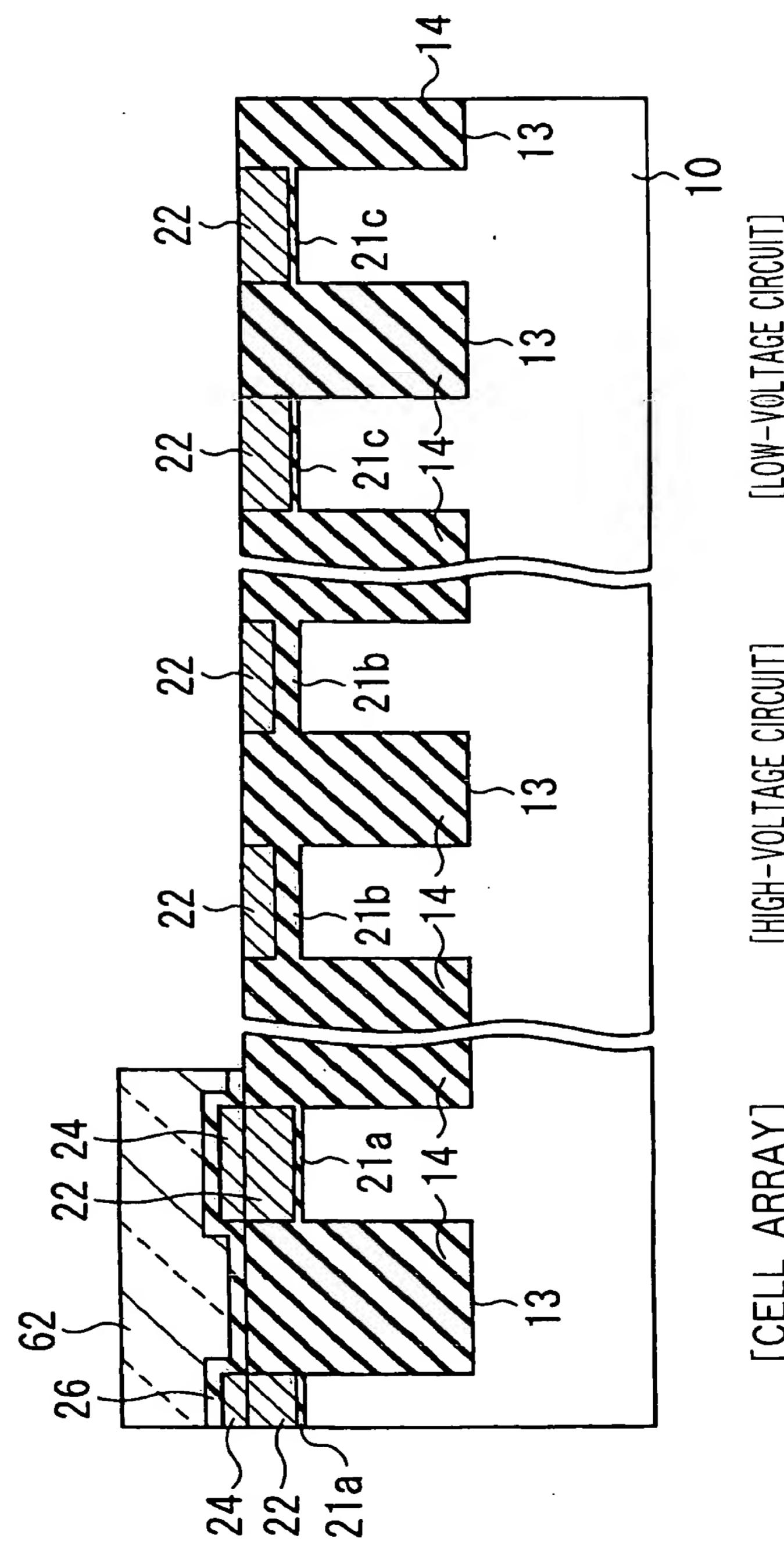
[HIGH-VOLTAGE CIRCUIT]

[CELL ARRAY]

FIG. 32

1020900 67032360

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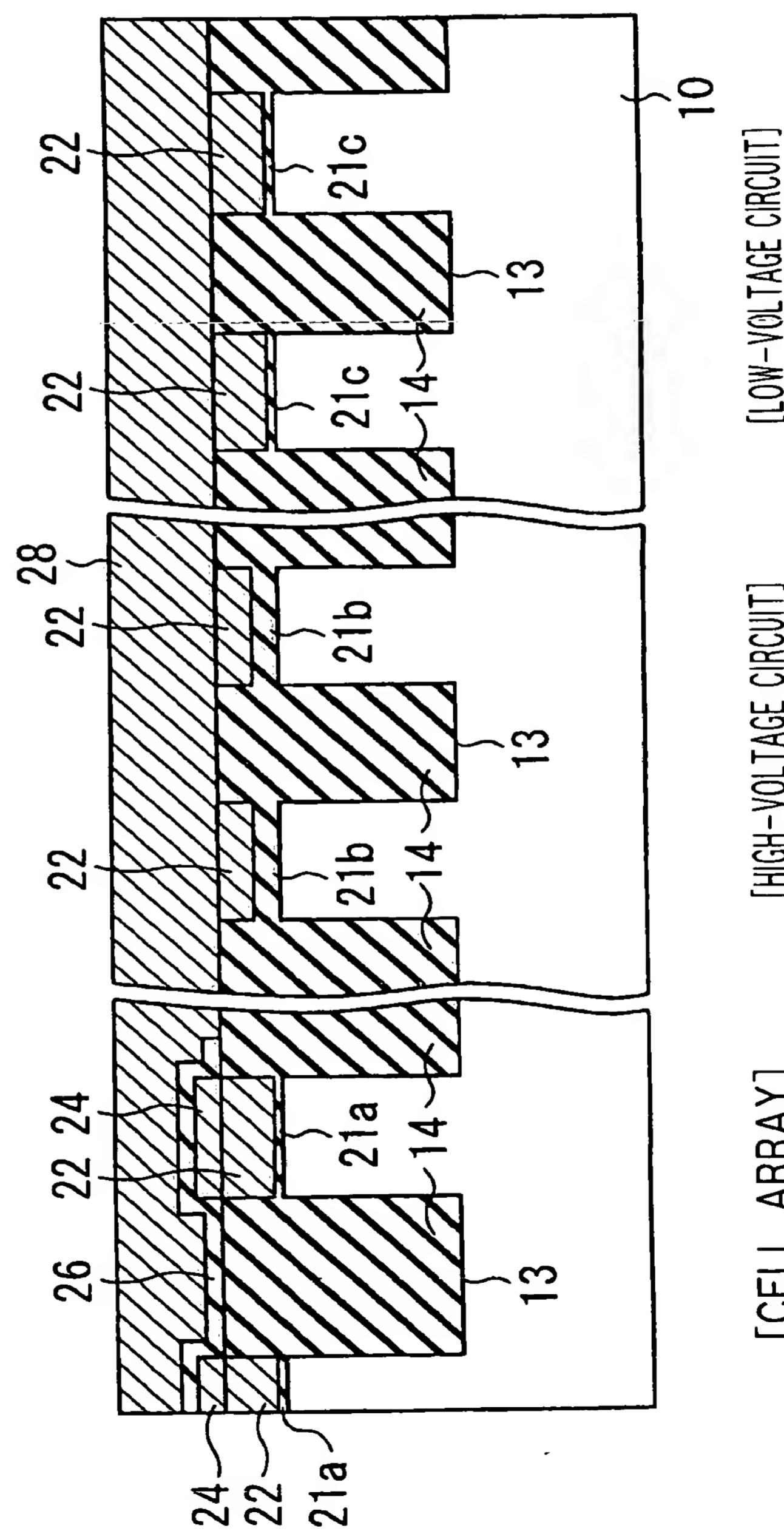


[LOW-VOLTAGE CIRCUIT]

[HIGH-VOLTAGE CIRCUIT]

FIG. 33

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[LOW-VOLTAGE CIRCUIT]

[HIGH-VOLTAGE CIRCUIT]

[CELL ARRAY]

FIG. 34

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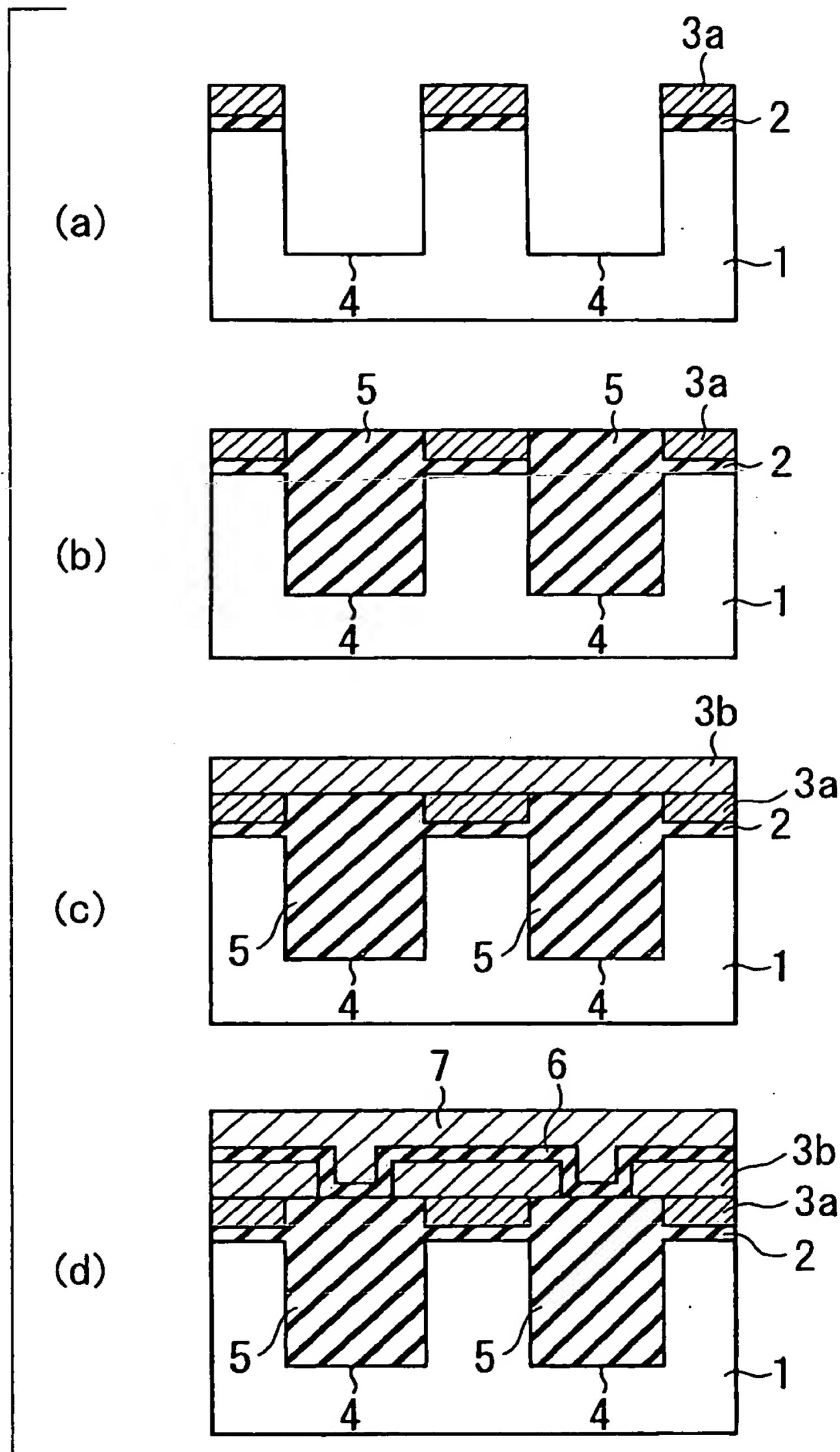


FIG. 35

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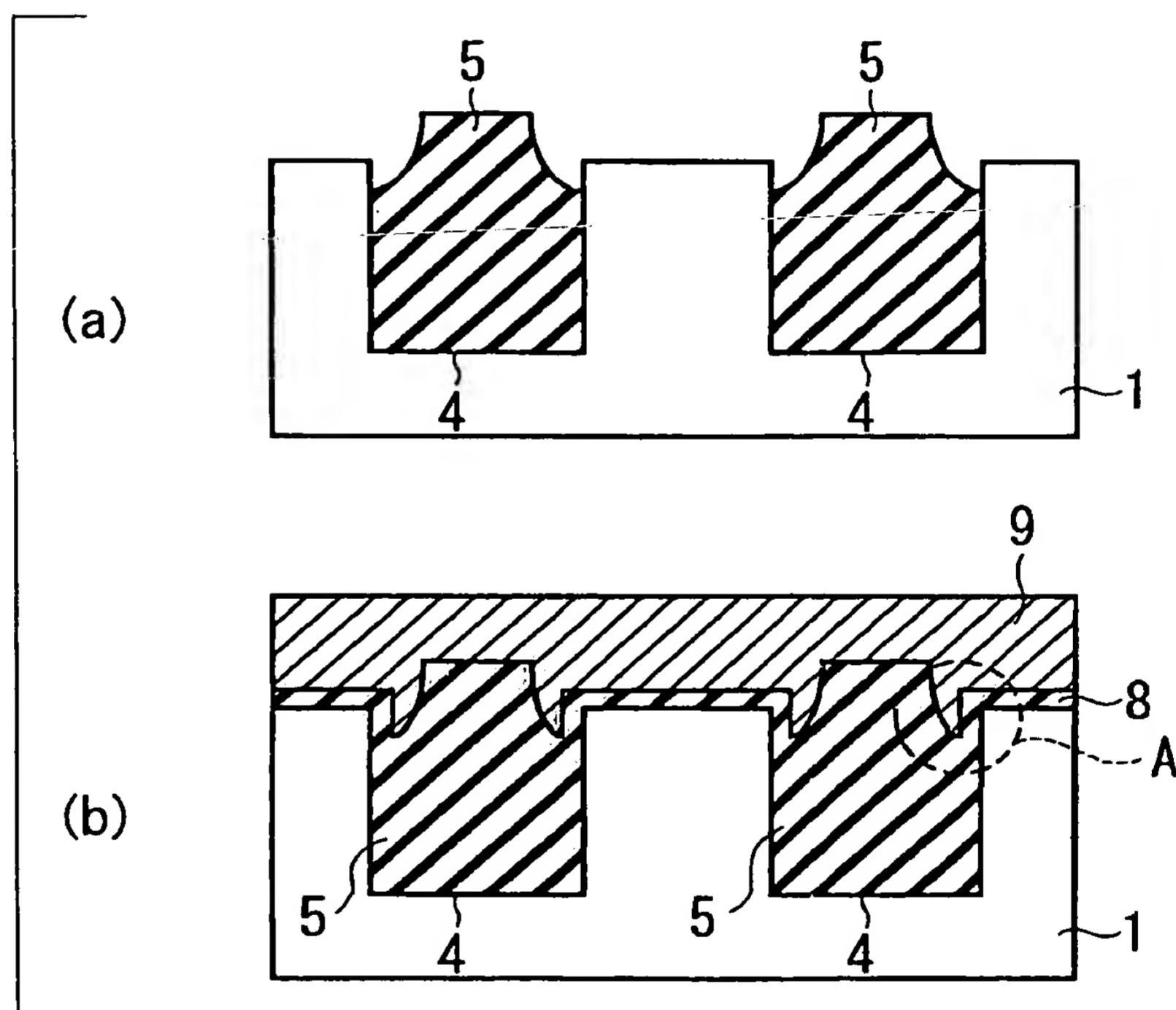


FIG. 36